

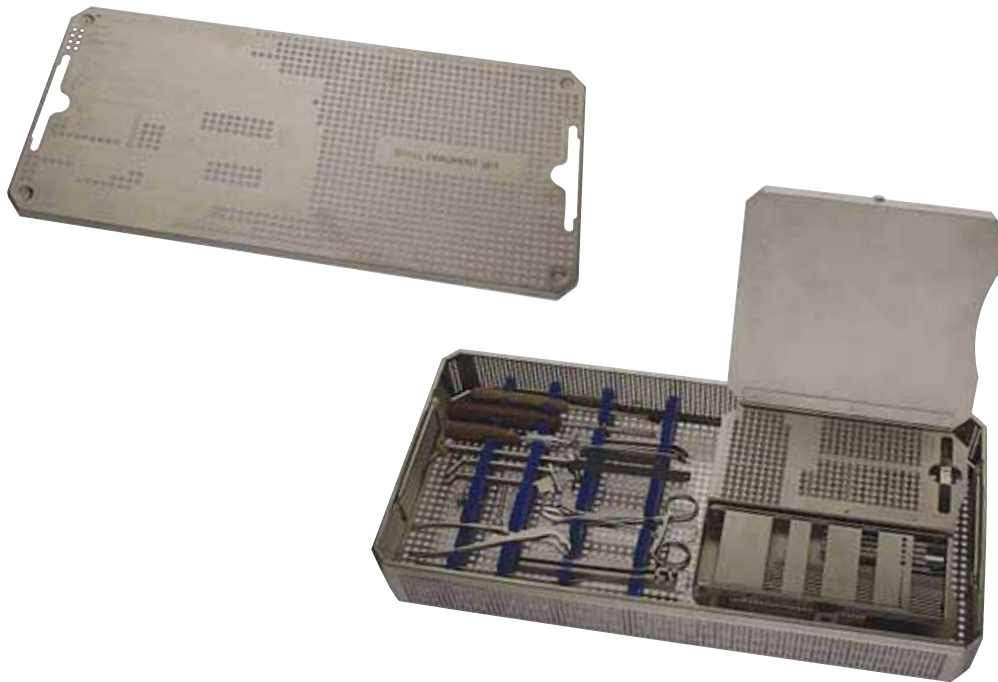
Small and Mini Instrumentation / Implants
Hand and Shoulder
HBS / Snap off System
Small and Mini Container
Hand and Foot Instrumentation



Small Fragment Instrument and Steel Implant Set in Graphic Case

Listing: T 415

Small Fragment Instrument and Steel Implant Set
(Steel Screws and Plates in Mat. DIN ISO 5832-1)



T 416

Tray for Small Fragment Instrument and Steel Implant Set



**Sterilization Container
(recommended)**

15-1872 Boden ungelocht
580 x 280 x 135 mm

15-1850 Deckel gelocht
580 x 280 mm silver



TREU = INSTRUMENTE

Small Fragment Instrument and Steel Implant Set in Graphic Case

Listing: T 415

Small Fragment Instrument and Steel Implant Set (Steel Screws and Plates in Mat. DIN ISO 5832-1)

T 416

Tray for Small Fragment Instrument and Steel Implant Set

| Cat.No.: | Instruments for Dia. 3.5mm / Dia. 4.0mm Screws | Pcs.: | Screw type used in (Dia. mm) |
|----------|--|-------|--------------------------------|
| 9-016 | Drill Bit Dia. 2.5 mm with quick coupling end | 2 | 4.0 mm (Cancellous Screws) |
| 9-022 | Drill Bit Dia. 3.5 mm with quick coupling end | 2 | 3.5 mm (Cortex Screws) |
| 9-102 | Small Countersink with quick coupling end | 1 | |
| 9-074 | Cortical Tap Dia. 3.5 mm with quick coupling end | 2 | 3.5 mm (Cortex Screws) |
| 9-076 | Cancellous Tap Dia. 4.0 mm with quick coupling end | 2 | 4.0 mm (Cancellous Screws) |
| 9-094 | Handle with quick coupling | 1 | |
| 9-252 | Drill Guide and Drill Sleeve for Drill Bit Dia. 2.0 mm | 1 | |
| 9-254 | Tap Sleeve Dia.3.5 mm, Sleeve for Drill Bit Dia.2.5mm | 1 | |
| 9-278 | Insert Sleeve Dia.3.5mm / Dia. 2.5mm | 1 | |
| 9-172 | Small Hexagonal Screwdriver, insert for Hex.-Socket 2.5 mm | 1 | |
| 9-174 | Small Hexagonal Screwdriver Shaft, Hex. 2.5mm | 1 | |
| 9-112 | Small Depth Gauge | 1 | |
| 9-270 | Neutral Drill Guide Dia. 3.5 mm, used for Drill Bit 2.5 mm | 1 | |

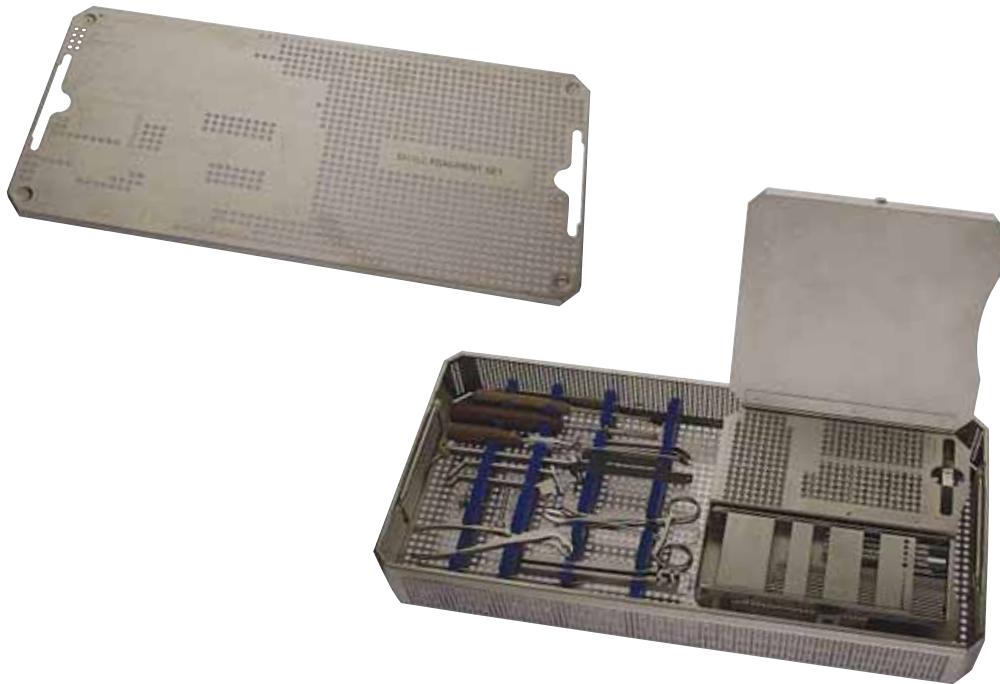
| Cat.No.: | General Instruments | Pcs.: | Screw type used in (Dia. mm) |
|----------|--|-------|--------------------------------|
| 9-116 | Sharp Hook | 1 | |
| 9-402 | Bending Iron for Small Plates | 1 | |
| 9-404 | Bending Iron for Small Plates | 1 | |
| 3-075 | Bending Template for Small Plates 7 Holes | 1 | |
| 3-076 | Bending Template for Small Plates 9 Holes | 1 | |
| 9-580 | Self-centring Bone Holding Forceps | 1 | |
| 9-596 | Reduction Forceps with points | 1 | |
| 9-600 | Reduction Forceps for Small Fragments | 1 | |
| 9-650 | Small Hohmann Retractor 6 mm | 1 | |
| 9-652 | Small Hohmann Retractor 8 mm | 1 | |
| 9-654 | Hohmann Retractor with broad shank | 2 | |
| 9-758 | Periosteal Elevator, width 6 mm small, straight edge | 1 | |
| 4-184 | Screw Forceps self holding | 1 | |

| Cat.No.: | Dia. 3.5 mm Cortex Screws | Pcs.: | Cat.No. : | Dia. 4.0 mm Cancellous Screws short Thread | Pcs.: |
|----------|---------------------------|-------|-------------------------------------|--|-------|
| 4-002 | Length 10 mm , Steel | 8 | 4-102 | Length 12 mm / 5 mm, Steel | 6 |
| 4-004 | Length 12 mm , Steel | 8 | 4-104 | Length 14 mm / 5 mm, Steel | 6 |
| 4-006 | Length 14 mm , Steel | 8 | 4-106 | Length 16 mm / 6 mm, Steel | 6 |
| 4-008 | Length 16 mm , Steel | 8 | 4-108 | Length 18 mm / 7 mm, Steel | 6 |
| 4-010 | Length 18 mm , Steel | 8 | 4-110 | Length 20 mm / 8 mm, Steel | 6 |
| 4-012 | Length 20 mm , Steel | 8 | 4-112 | Length 22 mm / 9 mm, Steel | 6 |
| 4-014 | Length 22 mm , Steel | 8 | 4-114 | Length 24 mm / 10 mm, Steel | 6 |
| 4-016 | Length 24 mm , Steel | 8 | 4-116 | Length 26 mm / 12 mm, Steel | 6 |
| 4-018 | Length 26 mm , Steel | 8 | 4-118 | Length 28 mm / 14 mm, Steel | 6 |
| 4-020 | Length 28 mm , Steel | 8 | 4-120 | Length 30 mm / 14 mm, Steel | 6 |
| 4-024 | Length 32 mm , Steel | 8 | 4-122 | Length 35 mm / 14 mm, Steel | 6 |
| 4-026 | Length 36 mm , Steel | 8 | 4-124 | Length 40 mm / 14 mm, Steel | 6 |
| 4-028 | Length 40 mm , Steel | 8 | 4-126 | Length 45 mm / 15 mm, Steel | 6 |
| 4-030 | Length 45 mm , Steel | 6 | 4-128 | Length 50 mm / 15 mm, Steel | 6 |
| 4-032 | Length 50 mm , Steel | 6 | | | |
| | | | 4-176 | Small Washer for Dia. 3.5 mm / 4.0 mm Screws | 6 |
| | | | 4-240 | Small T-Plate right angle 3/3 Holes Steel | 1 |
| | | | 4-244 | Small T-Plate right angle 4/4 Holes Steel | 1 |
| | | | 4-250 | Small T-Plate oblique angle 3/3 Holes Steel | 1 |
| | | | 4-252 | Small T-Plate oblique angle 5/3 Holes Steel | 1 |
| | | | 4-220 | One Third Tubular Plate 2 Holes, Steel | 1 |
| | | | 4-222 | One Third Tubular Plate 3 Holes, Steel | 1 |
| | | | 4-224 | One Third Tubular Plate 4 Holes, Steel | 1 |
| | | | 4-226 | One Third Tubular Plate 5 Holes, Steel | 2 |
| | | | 4-228 | One Third Tubular Plate 6 Holes, Steel | 2 |
| | | | 4-230 | One Third Tubular Plate 7 Holes, Steel | 1 |
| | | | 4-232 | One Third Tubular Plate 8 Holes, Steel | 1 |
| | | | 4-253 | Cloverleaf Plate, Shaft 3 Holes, Steel | 1 |
| | | | 4-254 | Cloverleaf Plate, Shaft 4 Holes, Steel | 1 |
| | | | 4-208 | Small Fragment Plate 6 Holes, Steel | 2 |
| | | | 4-210 | Small Fragment Plate 7 Holes, Steel | 2 |
| | | 4-212 | Small Fragment Plate 8 Holes, Steel | 2 | |
| | | | 4-216 | Small Fragment Plate 10 Holes, Steel | 2 |
| | | | 7-254 | Kirschner Wire Dia.1.2 mm x Length 150 mm, Steel | 12 |
| | | | 7-260 | Kirschner Wire Dia.1.6 mm x Length 150 mm, Steel | 12 |
| | | | 7-264 | Kirschner Wire Dia.2.0 mm x Length 150 mm, Steel | 12 |



Small Fragment Instrument and Titanium Implant Set in Graphic Case

Listing: T 4150 Small Fragment Instrument and Titanium Implant Set
(Titanium Screws and Plates in Mat. DIN ISO 5832-3)



T 416 Tray for Small Fragment Instrument and Titanium Implant Set



Sterilization Container
(recommended)

15-1872 Boden ungelocht
580 x 280 x 135 mm

15-1850 Deckel gelocht
580 x 280 mm silver



Small Fragment Instrument and Titanium Implant Set in Graphic Case

Listing: T 4150 Small Fragment Instrument and Titanium Implant Set (Titanium Screws and Plates in Mat. DIN ISO 5832-3)

T 416 Tray for Small Fragment Instrument and Titanium Implant Set

| Cat.No.: | Instruments for Dia. 3.5mm / Dia. 4.0mm Screws | Pcs.: | Screw type used in (Dia. mm) |
|----------|--|-------|--------------------------------|
| 9-016 | Drill Bit Dia. 2.5 mm with quick coupling end | 2 | 4.0 mm (Cancellous Screws) |
| 9-022 | Drill Bit Dia. 3.5 mm with quick coupling end | 2 | 3.5 mm (Cortex Screws) |
| 9-102 | Small Countersink with quick coupling end | 1 | |
| 9-074 | Cortical Tap Dia. 3.5 mm with quick coupling end | 2 | 3.5 mm (Cortex Screws) |
| 9-076 | Cancellous Tap Dia. 4.0 mm with quick coupling end | 2 | 4.0 mm (Cancellous Screws) |
| 9-094 | Handle with quick coupling | 1 | |
| 9-252 | Drill Guide and Drill Sleeve for Drill Bit Dia. 2.0 mm | 1 | |
| 9-254 | Tap Sleeve Dia.3.5 mm, Sleeve for Drill Bit Dia.2.5mm | 1 | |
| 9-278 | Insert Sleeve Dia.3.5mm / Dia. 2.5mm | 1 | |
| 9-172 | Small Hexagonal Screwdriver, insert for Hex.-Socket 2.5 mm | 1 | |
| 9-174 | Small Hexagonal Screwdriver Shaft, Hex. 2.5mm | 1 | |
| 9-112 | Small Depth Gauge | 1 | |
| 9-270 | Neutral Drill Guide Dia. 3.5 mm, used for Drill Bit 2.5 mm | 1 | |

| Cat.No.: | General Instruments | Pcs.: | Screw type used in (Dia. mm) |
|----------|--|-------|--------------------------------|
| 9-116 | Sharp Hook | 1 | |
| 9-402 | Bending Iron for Small Plates | 1 | |
| 9-404 | Bending Iron for Small Plates | 1 | |
| 3-075 | Bending Template for Small Plates 7 Holes | 1 | |
| 3-076 | Bending Template for Small Plates 9 Holes | 1 | |
| 9-580 | Self-centring Bone Holding Forceps | 1 | |
| 9-596 | Reduction Forceps with points | 1 | |
| 9-600 | Reduction Forceps for Small Fragments | 1 | |
| 9-650 | Small Hohmann Retractor 6 mm | 1 | |
| 9-652 | Small Hohmann Retractor 8 mm | 1 | |
| 9-654 | Hohmann Retractor with broad shank | 2 | |
| 9-758 | Periosteal Elevator, width 6 mm small, straight edge | 1 | |
| 4-184 | Screw Forceps self holding | 1 | |

| Cat.No.: | Dia. 3.5 mm Cortex Screws | Pcs.: | Cat.No. : | Dia. 4.0 mm Cancellous Screws short Thread | Pcs.: |
|----------|---------------------------|-------|-----------|--|-------|
| 4-00200 | Length 10 mm , Titanium | 8 | 4-10200 | Length 12 mm / 5 mm, Titanium | 6 |
| 4-00400 | Length 12 mm , Titanium | 8 | 4-10400 | Length 14 mm / 5 mm, Titanium | 6 |
| 4-00600 | Length 14 mm , Titanium | 8 | 4-10600 | Length 16 mm / 6 mm, Titanium | 6 |
| 4-00800 | Length 16 mm , Titanium | 8 | 4-10800 | Length 18 mm / 7 mm, Titanium | 6 |
| 4-01000 | Length 18 mm , Titanium | 8 | 4-11000 | Length 20 mm / 8 mm, Titanium | 6 |
| 4-01200 | Length 20 mm , Titanium | 8 | 4-11200 | Length 22 mm / 9 mm, Titanium | 6 |
| 4-01400 | Length 22 mm , Titanium | 8 | 4-11400 | Length 24 mm / 10 mm, Titanium | 6 |
| 4-01600 | Length 24 mm , Titanium | 8 | 4-11600 | Length 26 mm / 12 mm, Titanium | 6 |
| 4-01800 | Length 26 mm , Titanium | 8 | 4-11800 | Length 28 mm / 14 mm, Titanium | 6 |
| 4-02000 | Length 28 mm , Titanium | 8 | 4-12000 | Length 30 mm / 14 mm, Titanium | 6 |
| 4-02400 | Length 32 mm , Titanium | 8 | 4-12200 | Length 35 mm / 14 mm, Titanium | 6 |
| 4-02600 | Length 36 mm , Titanium | 8 | 4-12400 | Length 40 mm / 14 mm, Titanium | 6 |
| 4-02800 | Length 40 mm , Titanium | 8 | 4-12600 | Length 45 mm / 15 mm, Titanium | 6 |
| 4-03000 | Length 45 mm , Titanium | 6 | 4-12800 | Length 50 mm / 15 mm, Titanium | 6 |
| 4-03200 | Length 50 mm , Titanium | 6 | | | |

| Cat.No. : | Dia. 4.0 mm Cancellous Screws full Thread | Pcs.: | Cat.No. : | Plates and Washers | Pcs.: |
|-----------|---|-------|-----------|--|-------|
| 4-14400 | Length 14 mm, Titanium | 6 | 4-1760 | Small Washer for Dia. 3.5 mm / 4.0 mm Screws | 6 |
| 4-14600 | Length 16 mm, Titanium | 6 | 4-2400 | Small T-Plate right angle 3/3 Holes Titanium | 1 |
| 4-14800 | Length 18 mm, Titanium | 6 | 4-2440 | Small T-Plate right angle 4/4 Holes Titanium | 1 |
| 4-15000 | Length 20 mm, Titanium | 6 | 4-2500 | Small T-Plate oblique angle 3/3 Holes Titanium | 1 |
| 4-15200 | Length 22 mm, Titanium | 6 | 4-2520 | Small T-Plate oblique angle 5/3 Holes Titanium | 1 |
| 4-15400 | Length 24 mm, Titanium | 6 | | | |
| 4-15600 | Length 26 mm, Titanium | 6 | 4-2200 | One Third Tubular Plate 2 Holes, Titanium | 1 |
| 4-15800 | Length 28 mm, Titanium | 6 | 4-2220 | One Third Tubular Plate 3 Holes, Titanium | 1 |
| 4-16000 | Length 30 mm, Titanium | 6 | 4-2240 | One Third Tubular Plate 4 Holes, Titanium | 1 |
| 4-16200 | Length 32 mm, Titanium | 6 | 4-2260 | One Third Tubular Plate 5 Holes, Titanium | 2 |
| 4-16400 | Length 35 mm, Titanium | 6 | 4-2280 | One Third Tubular Plate 6 Holes, Titanium | 2 |
| 4-16600 | Length 40 mm, Titanium | 6 | 4-2300 | One Third Tubular Plate 7 Holes, Titanium | 1 |
| 4-16800 | Length 45 mm, Titanium | 6 | 4-2320 | One Third Tubular Plate 8 Holes, Titanium | 1 |
| 4-17000 | Length 50 mm, Titanium | 6 | | | |
| 4-17200 | Length 55 mm, Titanium | 4 | 4-2530 | Cloverleaf Plate, Shaft 3 Holes, Titanium | 1 |
| 4-17400 | Length 60 mm, Titanium | 4 | 4-2540 | Cloverleaf Plate, Shaft 4 Holes, Titanium | 1 |
| | | | | | |
| | | | 4-1920 | Small Fragment MTP Plate, 6 hole, Titanium | 2 |
| | | | 4-1930 | Small Fragment MTP Plate, 7 hole, Titanium | 2 |
| | | | 4-1940 | Small Fragment MTP Plate, 8 hole, Titanium | 2 |
| | | | 4-1950 | Small Fragment MTP Plate, 9 hole, Titanium | 1 |
| | | | 4-1960 | Small Fragment MTP Plate, 10 hole, Titanium | 1 |
| | | | | | |
| | | | 7-254 | Kirschner Wire Dia.1.2 mm x Length 150 mm | 12 |
| | | | 7-260 | Kirschner Wire Dia.1.6 mm x Length 150 mm | 12 |
| | | | 7-264 | Kirschner Wire Dia.2.0 mm x Length 150 mm | 12 |



TREU - INSTRUMENTE

Small Fragment Instruments



- Taps
- 9-074 3.5 mm \varnothing / 1.25 mm pitch, cortex
 - 9-075 3.5 mm \varnothing / 1.75 mm pitch cancellous
 - 9-076 4.0 mm \varnothing / 1.75 mm pitch



9-094 Tap Handle with quick coupling



9-252 Drill Guide and Drill Sleeve
For 2.0 mm \varnothing drill bit



- 9-254 Tap Sleeve, 3.5 mm \varnothing
Drill Sleeve, 2.5 mm \varnothing
- 9-255 Tap Sleeve, 2.0 mm \varnothing
Drill Sleeve, 2.7 mm \varnothing



9-270 Neutral and Load Drill Guide, 3.5 mm
For 3.5 mm cortex screws with fine thread
used with 2.5 mm \varnothing Drill Guide



TREU = INSTRUMENTE

Small Fragment Instruments



- Drill Bits with end to fit quick coupling
9-016 2.5 mm \varnothing 110 / 85 mm length
9-022 3.5 mm \varnothing 100 / 85 mm length



- 9-102** Small Countersink for small screws
2,7 mm / 3,5 mm / 4,0 mm



- 9-172** Small Hexagonal Screw Driver with Holding Sleeve \varnothing 2,5 mm



- 9-174** Small Hexagonal Screw Driver with end to fit quick coupling \varnothing 2,5 mm



- 9-278** Insert Drill Sleeve, 3.5 mm / 2.5 mm \varnothing



- 9-758** Periosteal Elevator small, straight edge curved blade width 6 mm



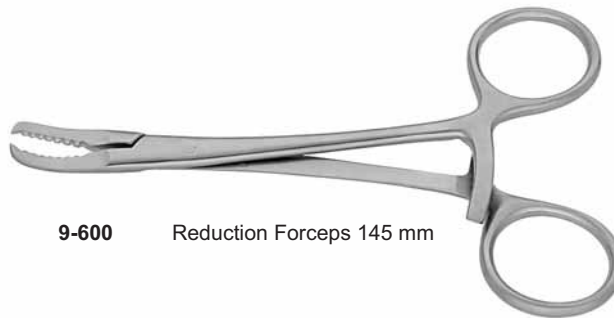
TREU - INSTRUMENTE



9-650 Small Hohmann Retractor 6 mm
9-652 Small Hohmann Retractor 8 mm



9-580 Self-Centering Bone Holding Forceps 150 mm



9-600 Reduction Forceps 145 mm



9-410 Bending Pliers for 2.7 and 3.5 mm plates



9-654 Hohmann Retractor with broad shank



TREU = INSTRUMENTE



9-596 Reduction Forceps 135 mm



9-112 Depth Gauge for 2.7 - 4.0 mm \varnothing screws



4-184 Screw Forceps self holding



9-116 Sharp Hook



3-075 Bending Template for small plates 7 holes
3-076 Bending Template for small plates 9 holes



9-402 Bending Irons for 3,5 mm plates

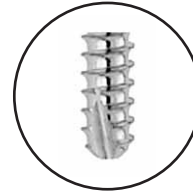


9-404 Bending Irons for 2,7 mm plates



TREU = INSTRUMENTE

CORTICALIS SCREWS 3,5 MM



self cutting screws, tapping not needed

| | STAINLESS STEEL | TITAN |
|------------------|-----------------|----------------|
| Dia of thread | 3,5 mm | 3,5 mm |
| Pitch | 1,25 mm | 1,25 mm |
| Dia of core | 2,4 mm | 2,4 mm |
| Hexagonal Socket | 2,5 mm | 2,5 mm |
| Dia of head | 6,0 mm | 6,0 mm |
| Length | | |
| 10 mm | 4-002 | 4-00200 |
| 12 mm | 4-004 | 4-00400 |
| 14 mm | 4-006 | 4-00600 |
| 16 mm | 4-008 | 4-00800 |
| 18 mm | 4-010 | 4-01000 |
| 20 mm | 4-012 | 4-01200 |
| 22 mm | 4-014 | 4-01400 |
| 24 mm | 4-016 | 4-01600 |
| 26 mm | 4-018 | 4-01800 |
| 28 mm | 4-020 | 4-02000 |
| 30 mm | 4-022 | 4-02200 |
| 32 mm | 4-024 | 4-02400 |
| 34 mm | 4-025 | 4-02500 |
| 36 mm | 4-026 | 4-02600 |
| 38 mm | 4-027 | 4-02700 |
| 40 mm | 4-028 | 4-02800 |
| 42 mm | 4-029 | 4-02900 |
| 45 mm | 4-030 | 4-03000 |
| 48 mm | 4-031 | 4-03100 |
| 50 mm | 4-032 | 4-03200 |
| 55 mm | 4-034 | 4-03400 |
| 60 mm | 4-036 | 4-03600 |
| 65 mm | 4-038 | 4-03800 |
| 70 mm | 4-040 | 4-04000 |
| 75 mm | 4-042 | 4-04200 |
| 80 mm | 4-044 | 4-04400 |

| | STAINLESS STEEL | TITAN |
|------------------|-----------------|-----------------|
| Dia of thread | 3,5 mm | 3,5 mm |
| Pitch | 1,25 mm | 1,25 mm |
| Dia of core | 2,4 mm | 2,4 mm |
| Hexagonal Socket | 2,5 mm | 2,5 mm |
| Dia of head | 6,0 mm | 6,0 mm |
| Length | | |
| 10 mm | 4-1002 | 4-100200 |
| 12 mm | 4-1004 | 4-100400 |
| 14 mm | 4-1006 | 4-100600 |
| 16 mm | 4-1008 | 4-100800 |
| 18 mm | 4-1010 | 4-101000 |
| 20 mm | 4-1012 | 4-101200 |
| 22 mm | 4-1014 | 4-101400 |
| 24 mm | 4-1016 | 4-101600 |
| 26 mm | 4-1018 | 4-101800 |
| 28 mm | 4-1020 | 4-102000 |
| 30 mm | 4-1022 | 4-102200 |
| 32 mm | 4-1024 | 4-102400 |
| 34 mm | 4-1025 | 4-102500 |
| 36 mm | 4-1026 | 4-102600 |
| 38 mm | 4-1027 | 4-102700 |
| 40 mm | 4-1028 | 4-102800 |
| 42 mm | 4-1029 | 4-102900 |
| 45 mm | 4-1030 | 4-103000 |
| 48 mm | 4-1031 | 4-103100 |
| 50 mm | 4-1032 | 4-103200 |
| 55 mm | 4-1034 | 4-103400 |
| 60 mm | 4-1036 | 4-103600 |
| 65 mm | 4-1038 | 4-103800 |
| 70 mm | 4-1040 | 4-104000 |
| 75 mm | 4-1042 | 4-104200 |
| 80 mm | 4-1044 | 4-104400 |



TREU = INSTRUMENTE

CANCELLOUS SCREWS 3,5 MM



| | STAINLESS STEEL | TITAN |
|------------------|-----------------|----------------|
| Dia of thread | 3,5 mm | 3,5 mm |
| Pitch | 1,75 mm | 1,75 mm |
| Dia of core | 1,9 mm | 1,9 mm |
| Hexagonal Socket | 2,5 mm | 2,5 mm |
| Dia of head | 6,0 mm | 6,0 mm |
| Length | | |
| 10 mm | 4-050 | 4-05000 |
| 12 mm | 4-052 | 4-05200 |
| 14 mm | 4-054 | 4-05400 |
| 16 mm | 4-056 | 4-05600 |
| 18 mm | 4-058 | 4-05800 |
| 20 mm | 4-060 | 4-06000 |
| 22 mm | 4-062 | 4-06200 |
| 24 mm | 4-064 | 4-06400 |
| 26 mm | 4-066 | 4-06600 |
| 28 mm | 4-068 | 4-06800 |
| 30 mm | 4-070 | 4-07000 |
| 32 mm | 4-072 | 4-07200 |
| 34 mm | 4-073 | 4-07300 |
| 36 mm | 4-074 | 4-07400 |
| 38 mm | 4-075 | 4-07500 |
| 40 mm | 4-076 | 4-07600 |
| 42 mm | | |
| 45 mm | 4-078 | 4-07800 |
| 48 mm | | |
| 50 mm | 4-080 | 4-08000 |
| 55 mm | 4-082 | 4-08200 |
| 60 mm | 4-084 | 4-08400 |



TREU = INSTRUMENTE

CANCELLOUS SCREWS 4,0 MM



| | STAINLESS STEEL | TITAN |
|------------------|--------------------|----------------|
| Dia of thread | 4,0 mm | 4,0 mm |
| Pitch | 1,75 mm | 1,75 mm |
| Dia of core | 1,9 mm | 1,9 mm |
| Hexagonal Socket | 2,5 mm | 2,5 mm |
| Dia of head | 6,0 mm | 6,0 mm |
| Length | | |
| 10 mm | 4-140 | 4-14000 |
| 12 mm | 4-142 | 4-14200 |
| 14 mm | 4-144 | 4-14400 |
| 16 mm | 4-146 | 4-14600 |
| 18 mm | 4-148 | 4-14800 |
| 20 mm | 4-150 | 4-15000 |
| 22 mm | 4-152 | 4-15200 |
| 24 mm | 4-154 | 4-15400 |
| 26 mm | 4-156 | 4-15600 |
| 28 mm | 4-158 | 4-15800 |
| 30 mm | 4-160 | 4-16000 |
| 32 mm | 4-162 | 4-16200 |
| 35 mm | 4-164 | 4-16400 |
| 40 mm | 4-166 | 4-16600 |
| 45 mm | 4-168 | 4-16800 |
| 50 mm | 4-170 | 4-17000 |
| 55 mm | 4-172 | 4-17200 |
| 60 mm | 4-174 | 4-17400 |



TREU = INSTRUMENTE

CANCELLOUS SCREWS 4,0 MM



| | STAINLESS STEEL | TITAN |
|---------------|--------------------|----------------|
| Dia of thread | 4,0 mm | 4,0 mm |
| Pitch | 1,75 mm | 1,75 mm |
| Dia of core | 1,9 mm | 1,9 mm |
| Dia of shaft | 2,3 mm | 2,3 mm |
| Dia of head | 6,0 mm | 6,0 mm |
| Length | | |
| 10 mm | 4-100 | 4-10000 |
| 12 mm | 4-102 | 4-10200 |
| 14 mm | 4-104 | 4-10400 |
| 16 mm | 4-106 | 4-10600 |
| 18 mm | 4-108 | 4-10800 |
| 20 mm | 4-110 | 4-11000 |
| 22 mm | 4-112 | 4-11200 |
| 24 mm | 4-114 | 4-11400 |
| 26 mm | 4-116 | 4-11600 |
| 28 mm | 4-118 | 4-11800 |
| 30 mm | 4-120 | 4-12000 |
| 32 mm | 4-121 | 4-12100 |
| 35 mm | 4-122 | 4-12200 |
| 40 mm | 4-124 | 4-12400 |
| 45 mm | 4-126 | 4-12600 |
| 50 mm | 4-128 | 4-12800 |
| 55 mm | 4-129 | 4-12900 |
| 60 mm | 4-130 | 4-13000 |



TREU = INSTRUMENTE



Small Fragment Plates for 3.5 ø screws DPL
 Profil 10 x 3 mm Distance between Holes 12 and 16 mm

| STAINLESS STEEL | Length | Holes |
|-----------------|--------|-------|
| 4-200 | 26 mm | 2 |
| 4-202 | 38 mm | 3 |
| 4-204 | 50 mm | 4 |
| 4-206 | 62 mm | 5 |
| 4-208 | 74 mm | 6 |
| 4-210 | 86 mm | 7 |
| 4-212 | 98 mm | 8 |
| 4-214 | 110 mm | 9 |
| 4-216 | 122 mm | 10 |
| 4-218 | 146 mm | 12 |



One-third Tubular Plates
 Profil 1/3 tube 12 x 1 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|--------|
| 4-220 | 25 mm | 2 | 4-2200 |
| 4-222 | 37 mm | 3 | 4-2220 |
| 4-224 | 49 mm | 4 | 4-2240 |
| 4-226 | 61 mm | 5 | 4-2260 |
| 4-228 | 73 mm | 6 | 4-2280 |
| 4-230 | 85 mm | 7 | 4-2300 |
| 4-232 | 97 mm | 8 | 4-2320 |
| 4-234 | 109 mm | 9 | 4-2340 |
| 4-236 | 121 mm | 10 | 4-2360 |
| 4-238 | 145 mm | 12 | 4-2380 |



Small T-Plates right angle
 3 holes in Head

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|--------|
| 4-240 | 45 mm | 3 x 3 | 4-2400 |
| 4-242 | 67 mm | 5 x 3 | 4-2420 |



Small T-Plates right angle
 4 holes in Head

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|--------|
| 4-244 | 56 mm | 4 x 4 | 4-2440 |
| 4-246 | 78 mm | 6 x 4 | 4-2460 |



Small T-Plates Oblique angle
 3 holes in Head

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|--------|
| 4-250 | 52 mm | 3 x 3 | 4-2500 |
| 4-251 | 63 mm | 4 x 3 | 4-2510 |
| 4-252 | 74 mm | 5 x 3 | 4-2520 |



Cloverleaf Plates
 3 holes in Head

| STAINLESS STEEL | Shaft | Length | TITAN |
|-----------------|---------|--------|--------|
| 4-253 | 3 holes | 88 m | 4-2530 |
| 4-254 | 4 holes | 104 mm | 4-2540 |



Small Plates*

Straight Narrow Reconstruction Plates, 2.7 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|--------|
| 4-260 | 48 mm | 6 | 4-2600 |
| 4-261 | 64 mm | 8 | 4-2610 |
| 4-262 | 80 mm | 10 | 4-2620 |
| 4-263 | 96 mm | 12 | 4-2630 |
| 4-264 | 112 mm | 14 | 4-2640 |
| 4-265 | 128 mm | 16 | 4-2650 |
| 4-266 | 144 mm | 18 | 4-2660 |
| 4-267 | 160 mm | 20 | 4-2670 |
| 4-268 | 176 mm | 22 | 4-2680 |
| 4-269 | 192 mm | 24 | 4-2690 |



Profil: 8.0 x 2.7 mm
Distance between holes: 8.0 mm

Reconstruction Plates, 3.5 mm*

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|--------|
| 4-270 | 58 mm | 5 | 4-2700 |
| 4-271 | 70 mm | 6 | 4-2710 |
| 4-272 | 82 mm | 7 | 4-2720 |
| 4-273 | 94 mm | 8 | 4-2730 |
| 4-274 | 106 mm | 9 | 4-2740 |
| 4-275 | 118 mm | 10 | 4-2750 |
| 4-276 | 130 mm | 11 | 4-2760 |
| 4-277 | 142 mm | 12 | 4-2770 |
| 4-278 | 154 mm | 13 | 4-2780 |
| 4-279 | 166 mm | 14 | 4-2790 |
| 4-280 | 178 mm | 15 | 4-2800 |
| 4-281 | 190 mm | 16 | 4-2810 |
| 4-282 | 214 mm | 18 | 4-2820 |
| 4-283 | 238 mm | 20 | 4-2830 |
| 4-284 | 262 mm | 22 | 4-2840 |



Profil: 10.0 x 2.8 mm
Distance between holes: 12.0 mm

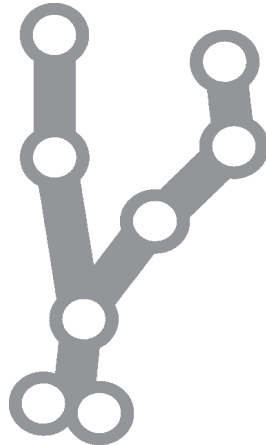
*

Reconstruction Plates 3.5 are manufactured from relatively soft material. Due to their reduced stiffness, they should be used only for cerclages or adaptations. Design and softness of the material enable three-dimensional contouring with Bending Pliers 17-1400 or the Bending Iron 17-1402.

Note: Do not bend more than 15°.



TREU = INSTRUMENTE



Calcaneus bone Plate

| STAINLESS STEEL | | TITAN |
|-----------------|-------|---------------|
| 4-288 | large | 4-2880 |
| 4-290 | small | 4-2900 |



Y-Plate
 Profil: 10.0 x 2.0 mm
 Distance between holes: 12.0 mm

| STAINLESS STEEL | | TITAN |
|-----------------|--|---------------|
| 4-286 | | 4-2860 |

CALCANIOS PLATE 3,5 MM



| STAINLESS STEEL | Length | TITAN |
|-----------------|--------|---------------|
| 4-294 | 60 mm | 4-2940 |
| 4-296 | 70 mm | 4-2960 |



TREU = INSTRUMENTE

Fibula-contouring plate, with small radius, long spikes

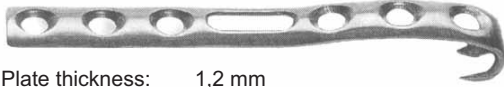


Plate thickness: 1,2 mm
 Plate width 9,5 mm
 Radius 4,5 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-305 | 88 mm | 6 | 4-3050 |
| 4-306 | 100 mm | 7 | 4-3060 |
| 4-307 | 112 mm | 8 | 4-3070 |

Fibula-contouring plate, with large radius, short spikes and hole for traction-screw



Plate thickness: 1,2 mm
 Plate width 9,5 mm
 Radius 4,5 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-310 | 88 mm | 6 | 4-3100 |
| 4-311 | 100 mm | 7 | 4-3110 |
| 4-312 | 112 mm | 8 | 4-3120 |

Olekranon plate with spikes



Plate thickness: 2,0 mm
 Plate width 10,0 mm
 Radius 6,0 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-315 | 68 mm | 4 | 4-3150 |
| 4-316 | 80 mm | 5 | 4-3160 |
| 4-317 | 92 mm | 6 | 4-3170 |
| 4-318 | 104 mm | 7 | 4-3180 |
| 4-319 | 116 mm | 8 | 4-3190 |
| 4-320 | 128 mm | 9 | 4-3200 |
| 4-325 | 188 mm | 14 | 4-3250 |



Plate for arthrodesis, arched, with standard bending, 8 holes

| STAINLESS STEEL | | TITAN |
|-----------------|--|---------------|
| 4-330 | | 4-3300 |



Plate for arthrodesis, arched, with short bending, 8 holes

| STAINLESS STEEL | | TITAN |
|-----------------|--|---------------|
| 4-332 | | 4-3320 |



TREU = INSTRUMENTE

MTP - Minimal Touch Dynamic Compression Plate



MTP - Minimal Touch Dynamic Compression Plate

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-190 | 51 mm | 4 | 4-1900 |
| 4-191 | 64 mm | 5 | 4-1910 |
| 4-192 | 77 mm | 6 | 4-1920 |
| 4-193 | 90 mm | 7 | 4-1930 |
| 4-194 | 103 mm | 8 | 4-1940 |
| 4-195 | 116 mm | 9 | 4-1950 |
| 4-196 | 129 mm | 10 | 4-1960 |
| 4-197 | 142 mm | 11 | 4-1970 |
| 4-198 | 155 mm | 12 | 4-1980 |



Humeral Epicondylar Plates

(Left and Right Plates)

Screw to be used: ø 3.5 mm and 4.0 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|----------|---------------|
| 3-968 | 73 | 6 right | 3-9680 |
| 3-970 | 73 | 6 left | 3-9700 |
| | | | |
| 3-972 | 105 | 8 right | 3-9720 |
| 3-974 | 105 | 8 left | 3-9740 |
| | | | |
| 3-976 | 137 | 10 right | 3-9760 |
| 3-978 | 137 | 10 left | 3-9780 |
| | | | |
| 3-980 | 169 | 12 right | 3-9800 |
| 3-982 | 169 | 12 left | 3-9820 |



Radius Plates

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 3-944 | 44 mm | 2 | 3-9440 |
| 3-946 | 59 mm | 3 | 3-9460 |
| 3-948 | 74 mm | 4 | 3-9480 |



Proximal Humerus Plates

Screw to be used: ø 3.5 mm and 6.5 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 3-960 | 79 mm | 3 | 3-9600 |
| 3-962 | 115 mm | 5 | 3-9620 |
| 3-964 | 169 mm | 8 | 3-9640 |



TREU = INSTRUMENTE

Clavicula Hook plate



| STAINLESS STEEL | TITAN | Hook | Holes | |
|-----------------|--------|-------|-------|-------|
| 4-335 | 4-3350 | 15 mm | 4 | right |
| 4-336 | 4-3360 | 18 mm | 4 | right |
| 4-337 | 4-3370 | 15 mm | 6 | right |
| 4-338 | 4-3380 | 18 mm | 6 | right |
| 4-339 | 4-3390 | 15 mm | 4 | left |
| 4-340 | 4-3400 | 18 mm | 4 | left |
| 4-341 | 4-3410 | 15 mm | 6 | left |
| 4-342 | 4-3420 | 18 mm | 6 | left |

Balzer plate



| STAINLESS STEEL | TITAN | Length | Holes | |
|-----------------|--------|--------|-------|-------|
| 4-345 | 4-3450 | 78 | 3 | right |
| 4-346 | 4-3460 | 87 | 4 | right |
| 4-347 | 4-3470 | 78 | 3 | left |
| 4-348 | 4-3480 | 87 | 4 | left |

Anatomic Hook plate



| STAINLESS STEEL | TITAN | Length | Holes | |
|-----------------|--------|--------|-------|-------|
| 4-350 | 4-3500 | 85 mm | 4 | right |
| 4-351 | 4-3510 | 97 mm | 5 | right |
| 4-352 | 4-3520 | 106 mm | 6 | right |
| 4-353 | 4-3530 | 128 mm | 8 | right |
| 4-354 | 4-3540 | 85 mm | 4 | left |
| 4-355 | 4-3550 | 97 mm | 5 | left |
| 4-356 | 4-3560 | 106 mm | 6 | left |
| 4-357 | 4-3570 | 128 mm | 8 | left |



Angle-stable plate for the proximal humerus Winkelstabile Proximale Oberarmplatte

- *Product Description and OR-Technique*
- *Produktbeschreibung und OP-Technik*



Advantages

- High stability of the replaced head fragments.
- no displacement of the cancellous screws.
- no impinging of the acromiion, because hidden screw heads.
- 2 mm length-difference of the cancellous screw.
- simply handling with drill hole guide for exact 90° - angulation of the cancellous screws avoid extensive exposure and soft tissue dissection.

Vorteile

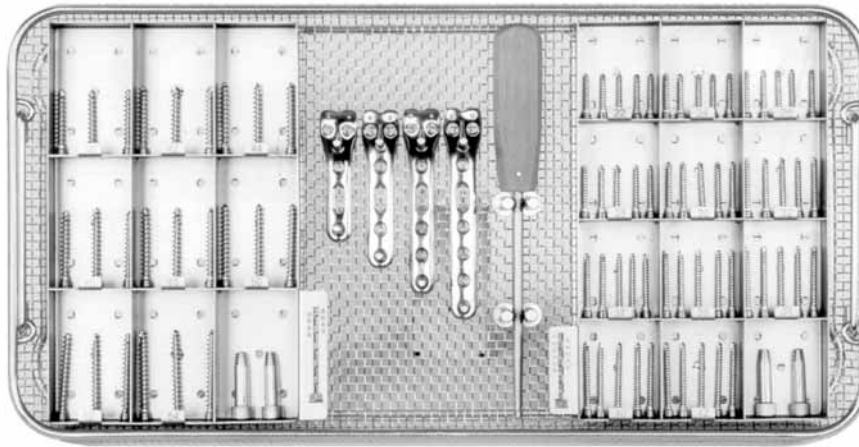
- Keine Sekundärabkippung der/des Kopffragment(s).
- keine Schraubenauslockerung mit implantatbedingten Beschwerden.
- kein subacromiales Impingement, da versenkte Schraubenköpfe.
- Spongiosaschrauben in 2 mm - Längensprung.
- einfache Handhabung durch Bohrhülse.



TREU = INSTRUMENTE

ø 6,0 mm

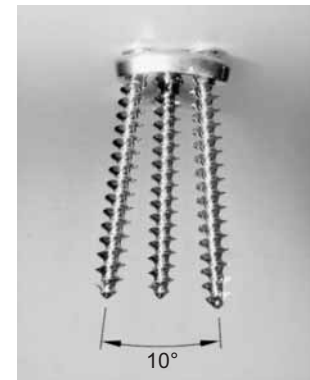
ø 4,5 mm



T 326 Set complete
Set komplett

| INSTRUMENTS INSTRUMENTE | | |
|--|----------------------|------------------|
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| Screwdriver hex. 2,5 mm Schraubendreher hex. 2,5 mm | 9-144 | 1 |
| Drill Sleeve Bohrbüchsen | 9-081 | 2 |
| Drill ø 3.2 mm AO shaft Spiralbohrer ø 3,2 mm AO Schaft | 9-020 | 1 |
| Kirschner Wire ø 1.8 mm Kirschner Draht | 7-262 | 5 |
| Depth Gauge Schrauben-Längenmesslehre | 9-114 | 1 |
| Basket Sieb | 15-3014 | 1 |

| TITAN TITANIUM | | |
|----------------------------------|----------------------|------------------|
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| Plate, 5 holes Platte, 5 Loch | 3-1001 | 2 |
| Plate, 6 holes Platte, 6 Loch | 3-1003 | 2 |
| Plate, 7 holes Platte, 7 Loch | 3-1005 | 2 |
| Plate, 8 holes Platte, 8 Loch | 3-1007 | 2 |





TREU = INSTRUMENTE

Angle-stable plate for the proximal humerus Winkelstabile Proximale Oberarmplatte

| TITAN TITANIUM | | |
|----------------------------------|----------------------|-----------------|
| Description Beschreibung | Cat. No. Art. Nr. | Length Länge |
| Plate, 5 holes Platte, 5 Loch | 3-1001 | 73,5 |
| Plate, 6 holes Platte, 6 Loch | 3-1003 | 89,5 |
| Plate, 7 holes Platte, 7 Loch | 3-1005 | 105,5 |
| Plate, 8 holes Platte, 8 Loch | 3-1007 | 121,5 |



| TITAN TITANIUM | | |
|--|----------------------|------------------|
| Screws \varnothing 6.0 mm (for humeral locking) Schrauben \varnothing 6,0 mm (für Humeruskopfverschraubung) | | |
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| 40 mm Length / Länge | 3-1041 | 3 |
| 42 mm Length / Länge | 3-1043 | 3 |
| 44 mm Length / Länge | 3-1045 | 3 |
| 46 mm Length / Länge | 3-1047 | 3 |
| 48 mm Length / Länge | 3-1049 | 3 |
| 50 mm Length / Länge | 3-1051 | 3 |
| 52 mm Length / Länge | 3-1053 | 3 |
| 54 mm Length / Länge | 3-1055 | 3 |
| 56 mm Length / Länge | 3-1057 | 3 |

| TITAN TITANIUM | | |
|---|----------------------|------------------|
| Screws \varnothing 4.5 mm (for humeral locking) Schrauben \varnothing 4,5 mm (für Schaftverschraubung) | | |
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| 22 mm Length / Länge | 3-1081 | 5 |
| 24 mm Length / Länge | 3-1083 | 5 |
| 26 mm Length / Länge | 3-1085 | 5 |
| 28 mm Length / Länge | 3-1087 | 5 |
| 30 mm Length / Länge | 3-1089 | 5 |
| 32 mm Length / Länge | 3-1091 | 5 |
| 34 mm Length / Länge | 3-1093 | 5 |
| 36 mm Length / Länge | 3-1095 | 5 |
| 38 mm Length / Länge | 3-1097 | 5 |
| 40 mm Length / Länge | 3-1099 | 5 |
| 42 mm Length / Länge | 3-1101 | 5 |





TREU = INSTRUMENTE



9-144 for Hexagonal Head 3.5 mm, 20 cm length
Schraubendreher Kopf 3,5 mm, 20 cm Länge



7-262 Kirschner wire \varnothing 1.8 mm, 150 mm long
Kirschnerdraht \varnothing 1,8 mm, 150 lang



9-114 Depth Gauge for Large Screws
Tiefenmesser für lange Schrauben



9-081 Drill guide (with connection for plate thread)
Bohrbüchse



4-184 Screw Forceps
Schraubenpinzette



9-020 Drill AO shaft \varnothing 3.2 mm, 145 mm long
Bohrer mit AO Schaft \varnothing 3,2 mm, 145 mm lang



TREU = INSTRUMENTE



TREU - INSTRUMENTE

Angle-stable plate for distal radius Winkelstabile Platte für distalen Radius

- *Product Description and OR-Technique***
- *Produktbeschreibung und OP-Technik***



Titanium
Titan

Advantages

- Anatomical pre-bent
- Intraoperative corrections are not necessary
- Result of the operative reduction is permanently fixed by three angle-stable screws
- No secondary correction losses
- Allows an early functional post-operative treatment

Vorteile

- Anatomisch vorgeformt.
- Keine intraoperativen Korrekturen notwendig.
- Operatives Repositionsergebnis wird durch 3 winkelstabile Schrauben dauerhaft fixiert.
- Keine sekundären Korrekturverluste
- Frühfunktionelle Nachbehandlung möglich.



TREU = INSTRUMENTE

T 327 Set complete
Set komplett



| ANGLE-STABLE RADIUS PLATE TITAN WINKELSTABILE RADIUSPLATTE TITAN | | |
|---|----------------------|------------------|
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| Plate, 3 holes right Platte, 3 Loch rechts | 4-2904 | 1 |
| Plate, 3 holes left Platte, 3 Loch links | 4-2905 | 1 |
| Plate, 4 holes right Platte, 4 Loch | 4-2906 | 1 |
| Plate, 4 holes Platte, 4 Loch | 4-2907 | 1 |

| Instruments Instrumente | | | |
|---|----------------------|------------------|--|
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl | |
| Drill \varnothing 2.5 mm, 110 mm length Spiralbohrer \varnothing 2,5 mm, 110 mm Länge | 9-016 | 1 | |
| Drill Sleeve Bohrbüchsen | 9-082 | 2 | |
| Screwdriver hex. 2,5 Schraubendreher hex. 2,5 mm | 9-142 | 1 | |
| Depth Gauge for small screws Schrauben-Längenmesslehre | 9-112 | 1 | |
| Kirschner Wire \varnothing 1.8 mm, 150 mm L Kirschner Draht \varnothing 1,8 mm, 150 mm L | 7-262 | 5 | |
| Screw Holding Forceps Schraubenhaltepinzette | 4-184 | 1 | |
| Basket Siebkorb | 15-3075 | 1 | |

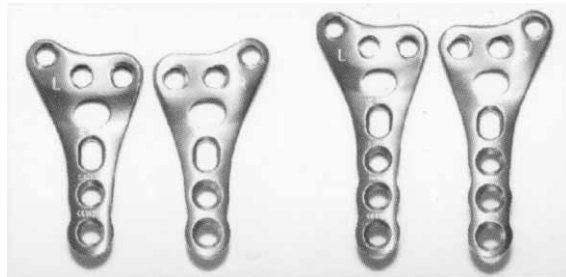
| Corticalis screw \varnothing 3.5 mm (selfcutting, conical head thread)TITAN Kortikalisschraube \varnothing 3,5 mm (selbstschneidend, konisches Kopfgewinde) TITAN | | |
|--|----------------------|------------------|
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| 16 mm Length / Länge | 4-2910 | 3 |
| 18 mm Length / Länge | 4-2912 | 3 |
| 20 mm Length / Länge | 4-2914 | 3 |
| 22 mm Length / Länge | 4-2916 | 3 |
| 24 mm Length / Länge | 4-2918 | 3 |
| 26 mm Length / Länge | 4-2920 | 3 |
| 28 mm Length / Länge | 4-2922 | 3 |
| 30 mm Length / Länge | 4-2924 | 3 |

| Cortical Screws \varnothing 3.5 mm, Titan, selfcutting TITAN Kortikalisschrauben \varnothing 3.5 mm, Titan, selbstschneidend TITAN | | |
|---|----------------------|------------------|
| Description Beschreibung | Cat. No. Art. Nr. | Pieces Anzahl |
| 14 mm Length / Länge | 4-100600 | 5 |
| 16 mm Length / Länge | 4-100800 | 5 |
| 18 mm Length / Länge | 4-101000 | 5 |
| 20 mm Length / Länge | 4-101200 | 5 |
| 22 mm Length / Länge | 4-101400 | 5 |
| 24 mm Length / Länge | 4-101600 | 5 |



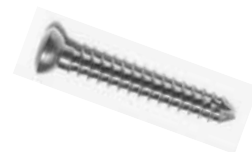
TREU = INSTRUMENTE

| TITAN | |
|---|----------------------|
| ANGLE-STABLE RADIUS PLATE WINKELSTABILE RADIUSPLATTE | |
| Description Beschreibung | Cat. No. Art. Nr. |
| Plate, 3 holes right Platte, 3 Loch rechts | 4-2904 |
| Plate, 3 holes left Platte, 3 Loch links | 4-2905 |
| Plate, 4 holes right Platte, 4 Loch rechts | 4-2906 |
| Plate, 4 holes left Platte, 4 Loch links | 4-2907 |



| TITAN | |
|---|----------------------|
| Corticalis screw \varnothing 3.5 mm (selfcutting, conical head thread) Kortikalisschraube \varnothing 3,5 mm (selbstschneidend, konisches Kopfgewinde) | |
| Description Beschreibung | Cat. No. Art. Nr. |
| 16 mm Length / Länge | 4-2910 |
| 18 mm Length / Länge | 4-2912 |
| 20 mm Length / Länge | 4-2914 |
| 22 mm Length / Länge | 4-2916 |
| 24 mm Length / Länge | 4-2918 |
| 26 mm Length / Länge | 4-2920 |
| 28 mm Length / Länge | 4-2922 |
| 30 mm Length / Länge | 4-2924 |

| TITAN | |
|---|----------------------|
| Corticalis screw \varnothing 3.5 mm (selfcutting) Kortikalisschraube \varnothing 3,5 mm (selbstschneidend) | |
| Description Beschreibung | Cat. No. Art. Nr. |
| 14 mm Length / Länge | 4-100600 |
| 16 mm Length / Länge | 4-100800 |
| 18 mm Length / Länge | 4-101000 |
| 20 mm Length / Länge | 4-101200 |
| 22 mm Length / Länge | 4-101400 |
| 24 mm Length / Länge | 4-101600 |





TREU = INSTRUMENTE



9-142 for Hexagonal Head 2.5 mm, 20 cm length
Schraubendreher Kopf 2,5 mm, 20 cm Länge



7-262 Kirschner wire \varnothing 1.8 mm, 150 mm long
Kirschnerdraht \varnothing 1,8 mm, 150 mm lang



9-112 Depth Gauge for Small Screws
Tiefenmesser für kleine Schrauben



9-082 Drill sleeve (with connection for plate thread)
Bohrbuchse



4-184 Screw Forceps
Schraubenpinzette



9-016 Drill AO shaft \varnothing 2.5 mm, 110 mm long
Bohrer mit AO Schaft \varnothing 2,5 mm, 110 mm lang



TREU = INSTRUMENTE



Mini Instrument and Steel Implant Set in Graphic Case

Listing: T 420

Mini Instrument and Steel Implant Set
(Steel Screws and Plates in Mat. DIN ISO 5832-1)



T 421

Tray for Mini Instrument and Implant Set (Steel)



15-1010

Sterilization Container
(recommended)



Mini Instrument and Steel Implant Set in Graphic Case

Listing: T 420

Mini Instrument and Steel Implant Set (Steel Screws and Plates in Mat. DIN ISO 5832-1)

T 421

Tray for Mini Instrument and Implant Set (Steel)

| Cat.No.: | Instruments for Dia. 2.0mm / Dia. 2.7mm Screws | Pcs.: | Screw type used in (Dia. mm) |
|----------|---|-------|--------------------------------|
| 9-014 | Drill Bit Dia. 2.0 mm with quick coupling | 2 | 2.0 mm + 2.7 mm |
| 9-018 | Drill Bit Dia. 2.7 mm with quick coupling | 2 | 2.7 mm |
| 9-102 | Small Countersink with end to fit quick coupling Handle | 1 | 2.7 mm |
| 9-073 | Tap Dia. 2.7 mm with end to fit quick coupling Handle | 2 | 2.7 mm |
| 9-094 | Handle with quick coupling | 1 | |
| 9-252 | Drill Guide and Drill Sleeve for Dia. 2.0 mm Drill Bit | 1 | 2.0 mm + 2.7 mm |
| 9-256 | Tap Sleeve Dia. 3.5 mm | 1 | 2.7 mm |
| 9-172 | Small Hexagonal Screwdriver 2.5 mm with holding Sleeve | 1 | 2.7 mm |
| 9-112 | Depth Gauge (only for 2.7 mm Screws) | 1 | 2.7 mm |

| Cat.No.: | Instruments for Dia. 1.5 mm / Dia. 2.0 mm Mini Screws | Pcs.: | Screw type used in (Dia. mm) |
|----------|---|-------|--------------------------------|
| 9-010 | Drill Bit Dia. 1.1 mm with quick coupling | 2 | 1.5 mm |
| 9-012 | Drill Bit Dia. 1.5 mm with quick coupling | 2 | 2.0 mm |
| 9-100 | Mini Countersink to fit Handle with mini quick coupling | 1 | 1.5 mm + 2.0 mm |
| 9-071 | Tap Dia. 1.5 mm to fit Handle with mini quick coupling | 2 | 1.5 mm |
| 9-072 | Tap Dia. 2.0 mm to fit Handle with mini quick coupling | 2 | 2.0 mm |
| 9-096 | Handle with mini quick coupling | 1 | |
| 9-250 | Mini Drill Sleeve for Dia. 1.1 and Dia. 1.5 mm Drill Bits | 1 | 1.5 mm + 2.0 mm |
| 9-110 | Mini Depth Gauge (only for 2.0 mm Screws) | 1 | 2.0 mm |

| Cat.No.: | General Instruments | Pcs.: |
|----------|--|-------|
| 9-116 | Sharp Hook | 1 |
| 9-170 | Hexagonal Screw Driver 1.5 mm with holding Sleeve | 1 |
| 9-400 | Bending Iron for Finger Plates | 1 |
| 9-630 | Holding Forceps for small Plates 135 mm | 1 |
| 9-596 | Reduction Forceps with points 135 mm | 1 |
| 9-650 | Small Retractor, 6 mm | 1 |
| 9-652 | Small Retractor, 8 mm | 1 |
| 9-654 | Retractor for small fragments with broad shank , short | 2 |
| 9-760 | Periosteal Elevator, small with straight edge 3 mm | 1 |
| 4-184 | Screw Forceps self holding | 1 |

| Cat.No.: | Dia. 2.7 mm Cortex Screws | Pcs.: |
|----------|---------------------------|-------|
| 4-460 | Length 6 mm , Steel | 6 |
| 4-462 | Length 8 mm , Steel | 6 |
| 4-464 | Length 10 mm , Steel | 6 |
| 4-466 | Length 12 mm , Steel | 6 |
| 4-468 | Length 14 mm , Steel | 6 |
| 4-470 | Length 16 mm , Steel | 6 |
| 4-472 | Length 18 mm , Steel | 6 |
| 4-474 | Length 20 mm , Steel | 6 |
| 4-476 | Length 22 mm , Steel | 6 |
| 4-478 | Length 24 mm , Steel | 6 |

| Cat.No. : | Dia. 1.5 mm Cortex Screws | Pcs.: |
|-----------|---------------------------|-------|
| 4-1400 | Length 6 mm , Steel | 4 |
| 4-1402 | Length 7 mm , Steel | 4 |
| 4-1404 | Length 8 mm , Steel | 4 |
| 4-1406 | Length 9 mm , Steel | 4 |
| 4-1408 | Length 10 mm , Steel | 4 |
| 4-1410 | Length 11 mm , Steel | 4 |
| 4-1412 | Length 12 mm , Steel | 4 |
| 4-1414 | Length 14 mm , Steel | 4 |
| 4-1416 | Length 16 mm , Steel | 4 |

| | | |
|-------|---|---|
| 4-176 | Small Washer for Dia. 2.7 mm Screws , Steel | 6 |
|-------|---|---|

| Cat.No. : | Dia. 2.0 mm Cortex Screws | Pcs.: |
|-----------|---------------------------|-------|
| 4-1430 | Length 6 mm , Steel | 6 |
| 4-1432 | Length 8 mm , Steel | 6 |
| 4-1434 | Length 10 mm , Steel | 6 |
| 4-1436 | Length 12 mm , Steel | 6 |
| 4-1438 | Length 14 mm , Steel | 6 |
| 4-1440 | Length 16 mm , Steel | 6 |
| 4-1442 | Length 18 mm , Steel | 6 |
| 4-1444 | Length 20 mm , Steel | 6 |

| Cat.No.: | Plates for Dia. 2.7 mm Cortex Screws | Pcs.: |
|----------|---|-------|
| 4-540 | Quarter Tubular Plate Length 25 mm / 3 Hole , Steel | 2 |
| 4-542 | Quarter Tubular Plate Length 33 mm / 4 Hole , Steel | 2 |
| 4-544 | Quarter Tubular Plate Length 41 mm / 5 Hole , Steel | 2 |
| 4-546 | Quarter Tubular Plate Length 49 mm / 6 Hole , Steel | 2 |
| 4-548 | Quarter Tubular Plate Length 57 mm / 7 Hole , Steel | 2 |
| 4-550 | Quarter Tubular Plate Length 65 mm / 8 Hole , Steel | 2 |
| 4-552 | L - Plate , oblique left 3/2 Hole , Steel | 2 |
| 4-554 | L - Plate , oblique right 3/2 Hole , Steel | 2 |
| 4-556 | T - Plate , Shaft 3/2 , Steel | 4 |

| Cat.No.: | Plates for Dia. 1.5 mm / 2.0 mm Cortex Screws | Pcs.: |
|----------|---|-------|
| 4-590 | Mini Plate 2.0 straight , 3 Hole / Length 17 mm , Steel | 2 |
| 4-592 | Mini Plate 2.0 straight , 4 Hole / Length 23 mm , Steel | 2 |
| 4-594 | Mini Plate 2.0 straight , 5 Hole / Length 29 mm , Steel | 2 |
| 4-600 | Mini L - Plate 2.0 oblique left 2/2 Hole , Steel | 2 |
| 4-602 | Mini L - Plate 2.0 oblique right 2/2 Hole , Steel | 2 |
| 4-604 | Mini T - Plate 2.0 , 2/2 Hole , Steel | 4 |

| Cat.No.: | Kirschner Wires with Trocar | Pcs.: |
|----------|-------------------------------------|-------|
| 7-200 | Dia. 0.8 mm / Length 70 mm , Steel | 10 |
| 7-201 | Dia. 1.0 mm / Length 70 mm , Steel | 10 |
| 7-252 | Dia. 1.0 mm / Length 150 mm , Steel | 10 |
| 7-254 | Dia. 1.2 mm / Length 150 mm , Steel | 10 |
| 7-260 | Dia. 1.6 mm / Length 150 mm , Steel | 10 |



TREU = INSTRUMENTE

Mini Instrument / Titanium Implant Set in Graphic Case

Listing: T 4200 Mini Instrument / Titanium Implant Set
(Titanium Screws and Plates in Mat. DIN ISO 5832-3)



T 421 Tray for Mini Instrument and Implant Set (Steel)



15-1010 Sterilization Container
(recommended)



Mini Instrument / Titanium Implant Set in Graphic Case

Listing: T 4200 Mini Instrument / Titanium Implant Set (Titanium Screws and Plates in Mat. DIN ISO 5832-3)

T 421 Tray for Mini Instrument and Implant Set (Steel)

| Cat.No.: | Instruments for Dia. 2.0mm / Dia. 2.7mm Screws | Pcs.: | Screw type used in (Dia. mm) |
|----------|---|-------|--------------------------------|
| 9-014 | Drill Bit Dia. 2.0 mm with quick coupling | 2 | 2.0 mm + 2.7 mm |
| 9-018 | Drill Bit Dia. 2.7 mm with quick coupling | 2 | 2.7 mm |
| 9-102 | Small Countersink with end to fit quick coupling Handle | 1 | 2.7 mm |
| 9-073 | Tap Dia. 2.7 mm with end to fit quick coupling Handle | 2 | 2.7 mm |
| 9-094 | Handle with quick coupling | 1 | |
| 9-252 | Drill Guide and Drill Sleeve for Dia. 2.0 mm Drill Bit | 1 | 2.0 mm + 2.7 mm |
| 9-256 | Tap Sleeve Dia. 3.5 mm | 1 | 2.7 mm |
| 9-172 | Small Hexagonal Screwdriver 2.5 mm with holding Sleeve | 1 | 2.7 mm |
| 9-112 | Depth Gauge (only for 2.7 mm Screws) | 1 | 2.7 mm |

| Cat.No.: | Instruments for Dia. 1.5 mm / Dia. 2.0 mm Mini Screws | Pcs.: | Screw type used in (Dia. mm) |
|----------|---|-------|--------------------------------|
| 9-010 | Drill Bit Dia. 1.1 mm with quick coupling | 2 | 1.5 mm |
| 9-012 | Drill Bit Dia. 1.5 mm with quick coupling | 2 | 2.0 mm |
| 9-100 | Mini Countersink to fit Handle with mini quick coupling | 1 | 1.5 mm + 2.0 mm |
| 9-071 | Tap Dia. 1.5 mm to fit Handle with mini quick coupling | 2 | 1.5 mm |
| 9-072 | Tap Dia. 2.0 mm to fit Handle with mini quick coupling | 2 | 2.0 mm |
| 9-096 | Handle with mini quick coupling | 1 | |
| 9-250 | Mini Drill Sleeve for Dia. 1.1 and Dia. 1.5 mm Drill Bits | 1 | 1.5 mm + 2.0 mm |
| 9-110 | Mini Depth Gauge (only for 2.0 mm Screws) | 1 | 2.0 mm |

| Cat.No.: | General Instruments | Pcs.: |
|----------|--|-------|
| 9-116 | Sharp Hook | 1 |
| 9-170 | Hexagonal Screw Driver 1.5 mm with holding Sleeve | 1 |
| 9-400 | Bending Iron for Finger Plates | 1 |
| 9-630 | Holding Forceps for small Plates | 1 |
| 9-596 | Reduction Forceps with points | 1 |
| 9-650 | Small Retractor, 6 mm | 1 |
| 9-652 | Small Retractor, 8 mm | 1 |
| 9-654 | Retractor for small fragments with broad shank , short | 2 |
| 9-760 | Periosteal Elevator, small with straight edge 3 mm | 1 |
| 4-184 | Screw Holding Forceps | 1 |

| Cat.No.: | Dia. 2.7 mm Cortex Screws | Pcs.: |
|----------|---------------------------|-------|
| 4-46000 | Length 6 mm , Ti | 6 |
| 4-46200 | Length 8 mm , Ti | 6 |
| 4-46400 | Length 10 mm , Ti | 6 |
| 4-46600 | Length 12 mm , Ti | 6 |
| 4-46800 | Length 14 mm , Ti | 6 |
| 4-47000 | Length 16 mm , Ti | 6 |
| 4-47200 | Length 18 mm , Ti | 6 |
| 4-47400 | Length 20 mm , Ti | 6 |
| 4-47600 | Length 22 mm , Ti | 6 |
| 4-47800 | Length 24 mm , Ti | 6 |

| Cat.No. : | Dia. 1.5 mm Cortex Screws | Pcs.: |
|-----------|---------------------------|-------|
| 4-140000 | Length 6 mm , Ti | 4 |
| 4-140200 | Length 7 mm , Ti | 4 |
| 4-140400 | Length 8 mm , Ti | 4 |
| 4-140600 | Length 9 mm , Ti | 4 |
| 4-140800 | Length 10 mm , Ti | 4 |
| 4-141000 | Length 11 mm , Ti | 4 |
| 4-141200 | Length 12 mm , Ti | 4 |
| 4-141400 | Length 14 mm , Ti | 4 |
| 4-141600 | Length 16 mm , Ti | 4 |

| | | |
|--------|---|---|
| 4-1760 | Small Washer for Dia. 2.7 mm Screws , Titan | 6 |
|--------|---|---|

| Cat.No. : | Dia. 2.0 mm Cortex Screws | Pcs.: |
|-----------|---------------------------|-------|
| 4-143000 | Length 6 mm , Ti | 6 |
| 4-143200 | Length 8 mm , Ti | 6 |
| 4-143400 | Length 10 mm , Ti | 6 |
| 4-143600 | Length 12 mm , Ti | 6 |
| 4-143800 | Length 14 mm , Ti | 6 |
| 4-144000 | Length 16 mm , Ti | 6 |
| 4-144200 | Length 18 mm , Ti | 6 |
| 4-144400 | Length 20 mm , Ti | 6 |

| Cat.No.: | Plates for Dia. 2.7 mm Cortex Screws | Pcs.: |
|----------|--|-------|
| 4-5400 | Quarter Tubular Plate Length 25 mm / 3 Hole , Ti | 2 |
| 4-5420 | Quarter Tubular Plate Length 33 mm / 4 Hole , Ti | 2 |
| 4-5440 | Quarter Tubular Plate Length 41 mm / 5 Hole , Ti | 2 |
| 4-5460 | Quarter Tubular Plate Length 49 mm / 6 Hole , Ti | 2 |
| 4-5480 | Quarter Tubular Plate Length 57 mm / 7 Hole , Ti | 2 |
| 4-5500 | Quarter Tubular Plate Length 65 mm / 8 Hole , Ti | 2 |
| 4-5520 | L - Plate , oblique left 3/2 Hole , Ti | 2 |
| 4-5540 | L - Plate , oblique right 3/2 Hole , Ti | 2 |
| 4-5560 | T - Plate , Shaft 3/2 , Ti | 4 |

| Cat.No.: | Plates for Dia. 1.5 mm / 2.0 mm Cortex Screws | Pcs.: |
|----------|--|-------|
| 4-5900 | Mini Plate 2.0 straight , 3 Hole / Length 17 mm , Ti | 2 |
| 4-5920 | Mini Plate 2.0 straight , 4 Hole / Length 23 mm , Ti | 2 |
| 4-5940 | Mini Plate 2.0 straight , 5 Hole / Length 29 mm , Ti | 2 |
| 4-6000 | Mini L - Plate 2.0 oblique left 2/2 Hole , Ti | 2 |
| 4-6020 | Mini L - Plate 2.0 oblique right 2/2 Hole , Ti | 2 |
| 4-6040 | Mini T - Plate 2.0 , 2/2 Hole , Ti | 4 |

| Cat.No.: | Kirschner Wires with Trocar | Pcs.: |
|----------|-------------------------------------|-------|
| 7-200 | Dia. 0.8 mm / Length 70 mm , Steel | 10 |
| 7-201 | Dia. 1.0 mm / Length 70 mm , Steel | 10 |
| 7-252 | Dia. 1.0 mm / Length 150 mm , Steel | 10 |
| 7-254 | Dia. 1.2 mm / Length 150 mm , Steel | 10 |
| 7-260 | Dia. 1.6 mm / Length 150 mm , Steel | 10 |



TREU = INSTRUMENTE

Mini Fragment Combined Instruments and Implant Set

Instruments for 1.5 and 2.0 mm \varnothing Screw



- 9-071 Tap 1.5 mm \varnothing (Dental)
- 9-072 Tap 2.0 mm \varnothing (Dental)
- 9-073 Tap 2.7 mm \varnothing



- Drill Bit with end to fit quick coupling
- 9-010 1.1 mm \varnothing
- 9-012 1.5 mm \varnothing
- 9-014 2.0 mm \varnothing
- 9-018 2.7 mm \varnothing



- 9-100 Mini Countersink



- 9-110 Depth Gauge for 1.5 mm and 2.0 mm \varnothing screws



- 9-250 Mini Drill Sleeve for 1.1 mm and 1.5 mm \varnothing drill bits
- 9-253 Mini Drill Sleeve for 1.5 mm and 2.0 mm \varnothing drill bits



- 9-102 Small Countersink with end to fit quick coupling



TREU = INSTRUMENTE



9-096 Tap Handle with dental coupling



9-094 Tap Handle with quick coupling



9-170 Small Hexagonal Screwdriver
1.5 mm with holding sleeve
9-172 2.5 mm with holding sleeve



9-760 Periosteal Elevator



9-112 Depth Gauge for 2.7 - 4.0 mm ø screws



9-256 Tap Sleeve 3.5 mm ø



9-116 Sharp Hook



TREU = INSTRUMENTE

CORTICAL SCREWS



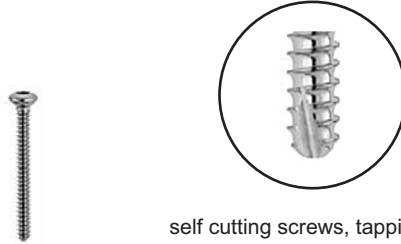
self cutting screws, tapping not needed

| | STAINLESS STEEL | TITAN |
|---------------|--------------------|-----------------|
| Dia of thread | 1,5 mm | 1,5 mm |
| Dia of core | 1,0 mm | 1,0 mm |
| Dia of head | 3,0 mm | 3,0 mm |
| Length | | |
| 6 mm | 4-1400 | 4-140000 |
| 7 mm | 4-1402 | 4-140200 |
| 8 mm | 4-1404 | 4-140400 |
| 9 mm | 4-1406 | 4-140600 |
| 10 mm | 4-1408 | 4-140800 |
| 11 mm | 4-1410 | 4-141000 |
| 12 mm | 4-1412 | 4-141200 |
| 14 mm | 4-1414 | 4-141400 |
| 16 mm | 4-1416 | 4-141600 |
| 18 mm | 4-1418 | 4-141800 |
| 20 mm | 4-1420 | 4-142000 |



TREU = INSTRUMENTE

CORTICAL SCREWS



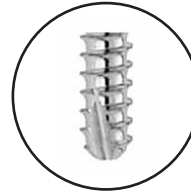
self cutting screws, tapping not needed

| | STAINLESS STEEL | TITAN |
|---------------|-----------------|-----------------|
| Dia of thread | 2,0 mm | 2,0 mm |
| Dia of core | 1,3 mm | 1,3 mm |
| Dia of head | 4,0 mm | 4,0 mm |
| Length | | |
| 6 mm | 4-1430 | 4-143000 |
| 7 mm | | |
| 8 mm | 4-1432 | 4-143200 |
| 9 mm | | |
| 10 mm | 4-1434 | 4-143400 |
| 11 mm | | |
| 12 mm | 4-1436 | 4-143600 |
| 14 mm | 4-1438 | 4-143800 |
| 16 mm | 4-1440 | 4-144000 |
| 18 mm | 4-1442 | 4-144200 |
| 20 mm | 4-1444 | 4-144400 |
| 22 mm | 4-1446 | 4-144600 |
| 24 mm | 4-1448 | 4-144800 |



TREU = INSTRUMENTE

CORTICAL SCREWS



self cutting screws, tapping not needed

| | STAINLESS STEEL | TITAN | STAINLESS STEEL | TITAN |
|---------------|-----------------|----------------|-----------------|-----------------|
| Dia of thread | 2,7 mm | 2,7 mm | 2,7 mm | 2,7 mm |
| Dia of core | 1,9 mm | 1,9 mm | 1,9 mm | 1,9 mm |
| Dia of head | 5,0 mm | 5,0 mm | 5,0 mm | 5,0 mm |
| Length | | | | |
| 6 mm | 4-460 | 4-46000 | | |
| 7 mm | | | | |
| 8 mm | 4-462 | 4-46200 | | |
| 9 mm | | | | |
| 10 mm | 4-464 | 4-46400 | 4-1464 | 4-146400 |
| 12 mm | 4-466 | 4-46600 | 4-1466 | 4-146600 |
| 14 mm | 4-468 | 4-46800 | 4-1468 | 4-146800 |
| 16 mm | 4-470 | 4-47000 | 4-1470 | 4-147000 |
| 18 mm | 4-472 | 4-47200 | 4-1472 | 4-147200 |
| 20 mm | 4-474 | 4-47400 | 4-1474 | 4-147400 |
| 22 mm | 4-476 | 4-47600 | 4-1476 | 4-147600 |
| 24 mm | 4-478 | 4-47800 | 4-1478 | 4-147800 |
| 26 mm | 4-480 | 4-48000 | 4-1480 | 4-148000 |
| 28 mm | 4-482 | 4-48200 | 4-1482 | 4-148200 |
| 30 mm | 4-484 | 4-48400 | 4-1484 | 4-148400 |
| 32 mm | 4-486 | 4-48600 | 4-1486 | 4-148600 |
| 34 mm | 4-488 | 4-48800 | 4-1488 | 4-148800 |
| 36 mm | 4-490 | 4-49000 | 4-1490 | 4-149000 |
| 38 mm | 4-492 | 4-49200 | 4-1492 | 4-149200 |
| 40 mm | 4-494 | 4-49400 | 4-1494 | 4-149400 |



TREU = INSTRUMENTE

Mini Plates

Plates for 2.7 mm ø Screws



Profil: 8.0 x 2.0 mm
Distance between holes: 8.0 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-520 | 20 mm | 2 | 4-5200 |
| 4-522 | 36 mm | 4 | 4-5220 |
| 4-524 | 44 mm | 5 | 4-5240 |
| 4-526 | 52 mm | 6 | 4-5260 |



Finger Plates
Quarter-tubular Plates

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-540 | 25 mm | 3 | 4-5400 |
| 4-542 | 33 mm | 4 | 4-5420 |
| 4-544 | 41 mm | 5 | 4-5440 |
| 4-546 | 49 mm | 6 | 4-5460 |
| 4-548 | 57 mm | 7 | 4-5480 |
| 4-550 | 65 mm | 8 | 4-5500 |

Profil: 8.0 x 2.5 mm
Distance between holes: 8.0 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-528 | 60 mm | 7 | 4-5280 |
| 4-530 | 68 mm | 8 | 4-5300 |
| 4-532 | 76 mm | 9 | 4-5320 |
| 4-534 | 84 mm | 10 | 4-5340 |
| 4-536 | 100 mm | 12 | 4-5360 |



| STAINLESS STEEL | | | | |
|-----------------|---------------|--------------|-----------------|------------------|
| 4-552 | 4-554 | 4-556 | 4-558 | 4-560 |
| oblique left | oblique right | straight | angled left 90° | angled right 90° |

| TITAN | | | | |
|---------------|---------------|---------------|-----------------|------------------|
| 4-5520 | 4-5540 | 4-5560 | 4-5580 | 4-5600 |
| oblique left | oblique right | straight | angled left 90° | angled right 90° |



| STAINLESS STEEL | TITAN |
|-----------------|---------------|
| 4-562 | 4-5620 |



TREU = INSTRUMENTE

Mini Plates

Plates for 2.0 mm \varnothing Screws

Profil:
 Thick 4-6 holes 1.0 mm
 Thick 7-8 holes 1.5 mm
 Broad 5 mm
 Distance 5 mm



| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-570 | 22 mm | 4 | 4-5700 |
| 4-572 | 27 mm | 5 | 4-5720 |
| 4-574 | 32 mm | 6 | 4-5740 |
| 4-576 | 37 mm | 7 | 4-5760 |
| 4-578 | 42 mm | 8 | 4-5780 |



Profil: 5.0 x 1.2 mm
 Distance between holes: 5.0 mm

Mini T-Plates for 2.0 mm Screws
 Primary Indication: Fracture of the phalanges

| STAINLESS STEEL | Length | Holes in head | Holes in shaft | TITAN |
|-----------------|--------|---------------|----------------|---------------|
| 4-580 | 50 mm | 3 | 9 | 4-5800 |
| 4-582 | 50 mm | 4 | 9 | 4-5820 |



Straight Mini Plates for 2.0 mm screws
 with 20 holes, 100 mm length

| STAINLESS STEEL | | TITAN |
|-----------------|--|---------------|
| 4-584 | | 4-5840 |



Mini - Adaptationplate for 2.0 mm screws
 with 20 holes, 100 mm length

| STAINLESS STEEL | | TITAN |
|-----------------|--|---------------|
| 4-586 | | 4-5860 |



Straight Mini Plates
 Profil:
 Thick: 1.2 mm
 Broad: 5 mm
 Distance: 6 mm

| STAINLESS STEEL | Length | Holes | TITAN |
|-----------------|--------|-------|---------------|
| 4-590 | 17 mm | 3 | 4-5900 |
| 4-592 | 23 mm | 4 | 4-5920 |
| 4-594 | 29 mm | 5 | 4-5940 |
| 4-596 | 35 mm | 6 | 4-5960 |



| STAINLESS STEEL | | | | |
|-----------------|---------------|--------------|-----------------|------------------|
| 4-600 | 4-602 | 4-604 | 4-606 | 4-608 |
| oblique left | oblique right | straight | angled left 90° | angled right 90° |

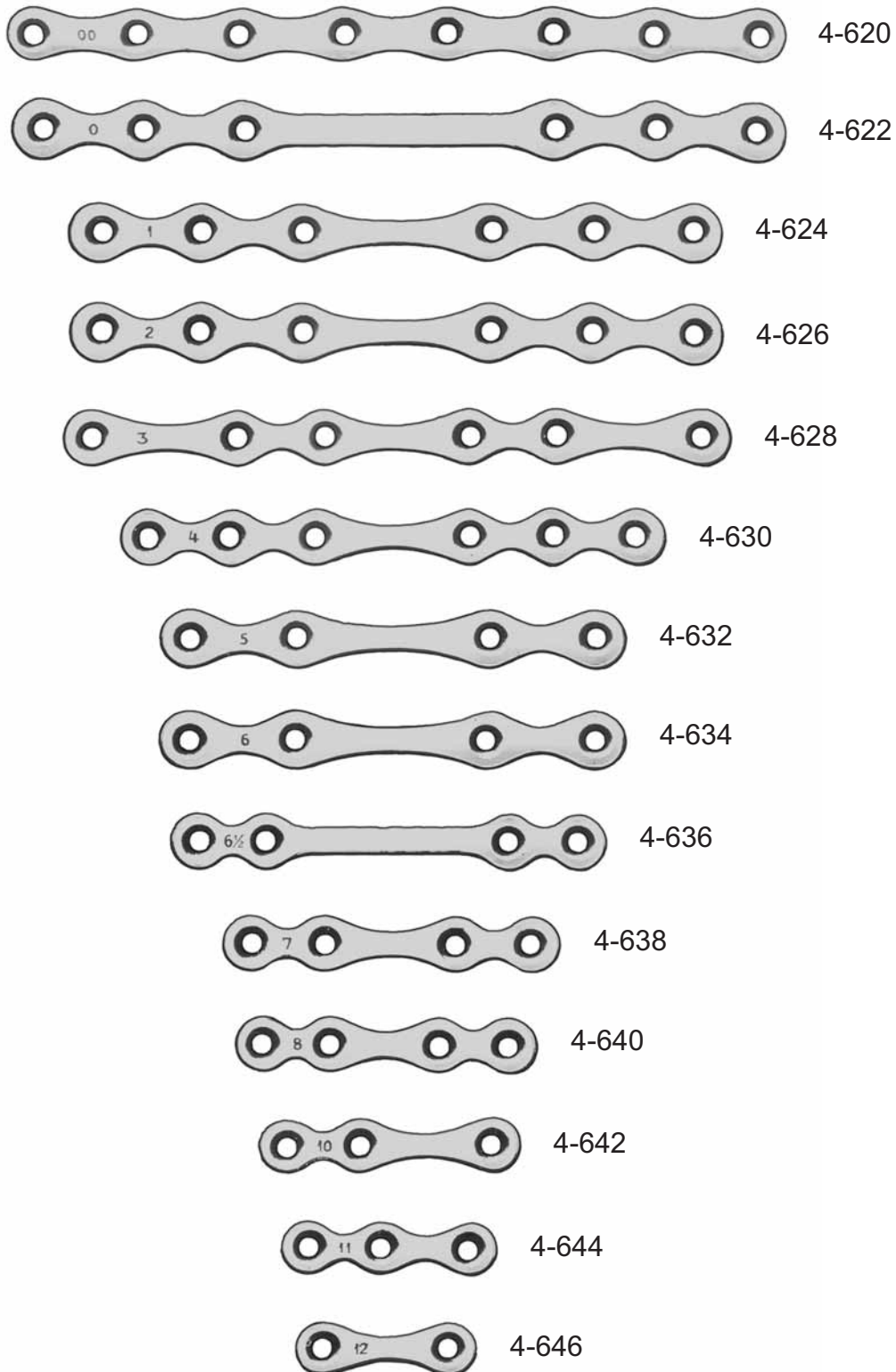
| TITAN | | | | |
|---------------|---------------|---------------|-----------------|------------------|
| 4-6000 | 4-6020 | 4-6040 | 4-6060 | 4-6080 |
| oblique left | oblique right | straight | angled left 90° | angled right 90° |



TREU = INSTRUMENTE

SHERMAN Bone Plates Stainless Steel

for screws \varnothing 3,5 4-002 - 4-044





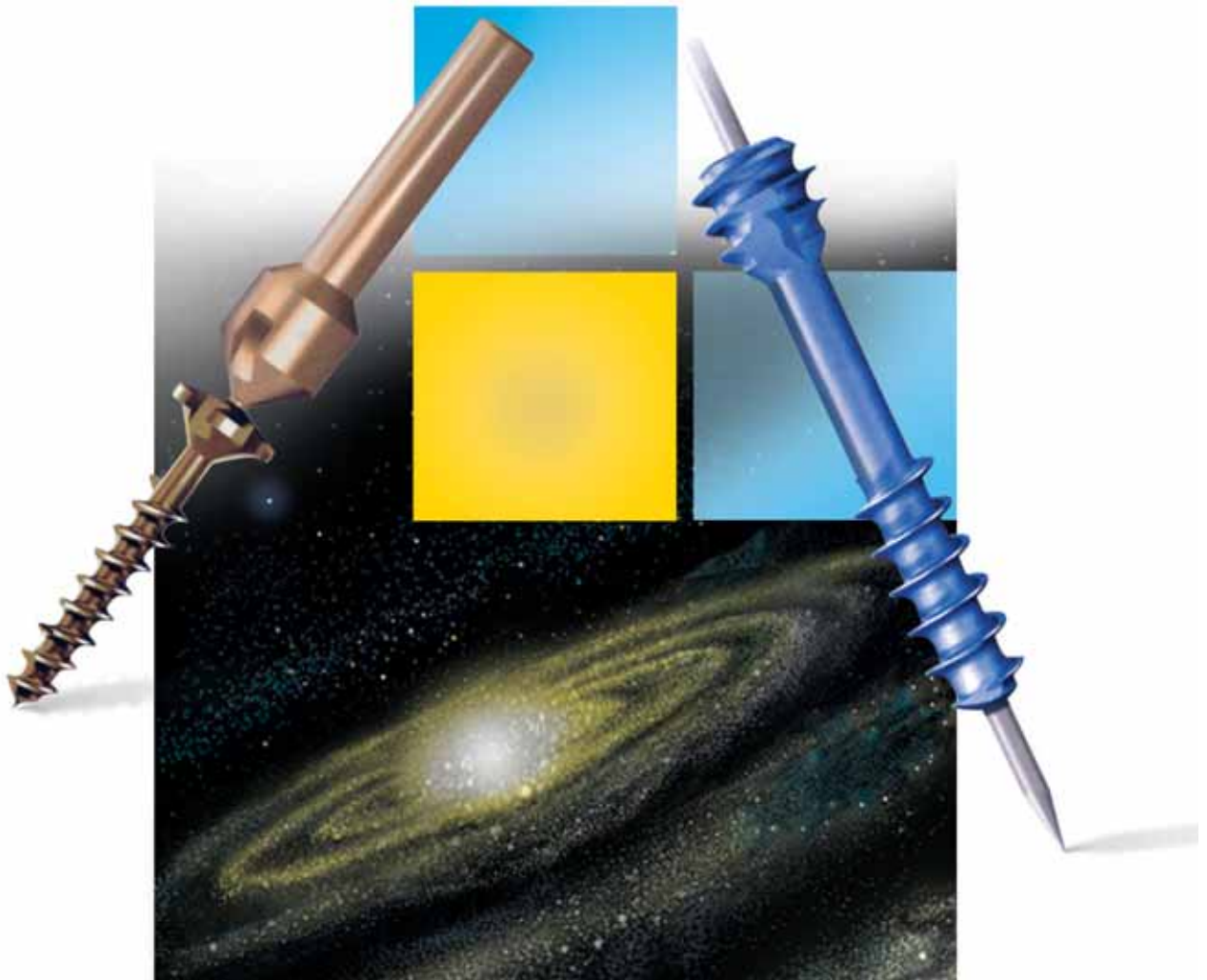
SNAP OFF SCREW SYSTEM

Self-drilling and Self-tapping

HBS COMPRESSION SCREW SYSTEM

Double threading for optimal compression

Scaphoid Bone Screws TITAN



HAND AND FOOT SURGERY



TREU = INSTRUMENTE

INSTRUMENTS



Recommended Sterilization Container for Set
Cat. No. T4700 (are not include in the Set)
Cat. No. 15-2162 Sterilization Container 310x190x65 mm,
Lid and Bottom perforated



Cat. No. T4701
Graphic Case (Tray in Steel) for Set Cat. No. T4701

INSTRUMENT / IMPLANT SET

Cat. No. T4700 HBS and Snap off Screw
Implant and Instrument Set



IMPLANTS

For Cat. No. see page 6!

Scaphoid bone screws in Titanium DIN ISO 5832-3
HBS bone screw system

Dia. 4.0 mm  Dia. 3.0 mm

For Cat. No. see page 9!

Self-drilling and tapping Snap off Screw Dia. 2.0 mm
in Titanium DIN ISO 5832-3 (weil osteotomy)

 Dia. 2.0 mm

Listing for Set Cat. No. T4700

| Cat. No.: Instruments for HBS - Snap off Screw System | Pcs.: |
|---|-------|
| 4-739 HBS - Guide Wire Dia. 1.0 mm x Length 80 mm | -4- |
| 4-740 HBS - Cannulated Drill Bit Dia. 2.1 mm / 3.3 mm | -1- |
| 4-741 HBS - Cannulated Drill Bit Dia. 2.1 mm / 3.3 mm | -1- |
| 4-742 HBS - Screw Length Gauge | -1- |
| 4-743 HBS - Measuring Sleeve for Guide Wire | -1- |
| 4-744 HBS - Cannulated Screw Driver, Hexagonal 2.0 mm | -1- |
| 4-745 HBS - Screwdriver for Snap off Screws | -1- |
| 4-184 Screw Forceps | -1- |
| Cat. No.: Dia. 3.0 mm Ti. HBS Screws, Cannulated | Pcs.: |
| 4-712 Length 12 mm, Titanium | -4- |
| 4-714 Length 14 mm, Titanium | -4- |
| 4-716 Length 16 mm, Titanium | -4- |
| 4-718 Length 18 mm, Titanium | -4- |
| 4-720 Length 20 mm, Titanium | -4- |
| 4-722 Length 22 mm, Titanium | -4- |
| 4-724 Length 24 mm, Titanium | -4- |
| 4-726 Length 26 mm, Titanium | -4- |
| 4-728 Length 28 mm, Titanium | -4- |
| 4-730 Length 30 mm, Titanium | -4- |
| Cat. No.: Dia. 2.0 mm Ti. Snap off Screws | Pcs.: |
| 4-760 Length 11 mm, Titanium | -4- |
| 4-762 Length 12 mm, Titanium | -4- |
| 4-764 Length 13 mm, Titanium | -4- |
| 4-766 Length 14 mm, Titanium | -4- |



TREU = INSTRUMENTE

INSTRUMENTS



Cat. No. 4-739 HBS- Guide Wire Dia. 1.0 mm x Length 80 mm



Cat. No. 4-740 HBS- Cannulated Drill Bit Dia. 2.1 mm/3.3 mm



Cat. No. 4-741 HBS- Cannulated Drill Bit Dia. 2.1 mm



Cat. No. 4-742 HBS- Screw Length Gauge



Cat. No. 4-743 HBS- Measuring Sleeve for Guide Wire 4-739



Cat. No. 4-744 HBS- Cannulated Screw Driver, Hex. 2.0 mm



Cat. No. 4-745 HBS- Screw Driver for Snap off Screws



Cat. No. 4-184 Screw Forceps



9-540 Verbrügge Bone Holding Forceps 175 mm



Cat. No. 13-3250 Inge 16.0 cm



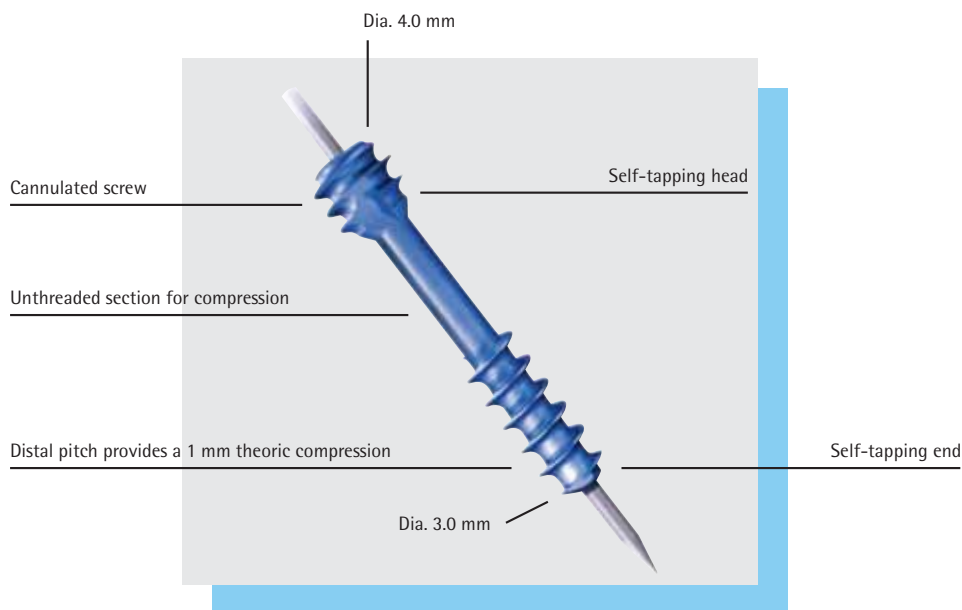
DOUBLE THREADING FOR OPTIMAL COMPRESSION

Design rationale & Main features

The Compression Screw is easy to insert (over a guide wire) and provides efficient compression (through two separate threadings with different pitches, and an intermediate unthreaded section), thus ensuring quick, dependable internal fixation.

INDICATIONS

- Distal & proximal metatarsal osteotomies
- SCARF osteotomy
- Uni and biocortical internal fixation (ex.: scaphoid)
- Small bone fusion



| Cat. No.: | Total Length | Cat. No.: | Total Length |
|-----------|--------------|-----------|----------------|
| | Cannulated | | non Cannulated |
| 4-712 | 12 mm | 4-713 | 12 mm |
| 4-714 | 14 mm | 4-715 | 14 mm |
| 4-716 | 16 mm | 4-717 | 16 mm |
| 4-718 | 18 mm | 4-719 | 18 mm |
| 4-720 | 20 mm | 4-721 | 20 mm |
| 4-722 | 22 mm | 4-723 | 22 mm |
| 4-724 | 24 mm | 4-725 | 24 mm |
| 4-726 | 26 mm | 4-727 | 26 mm |
| 4-728 | 28 mm | 4-729 | 28 mm |
| 4-730 | 30 mm | 4-731 | 30 mm |



SELF-DRILLING & SELF-TAPPING

Design rationale & Main features

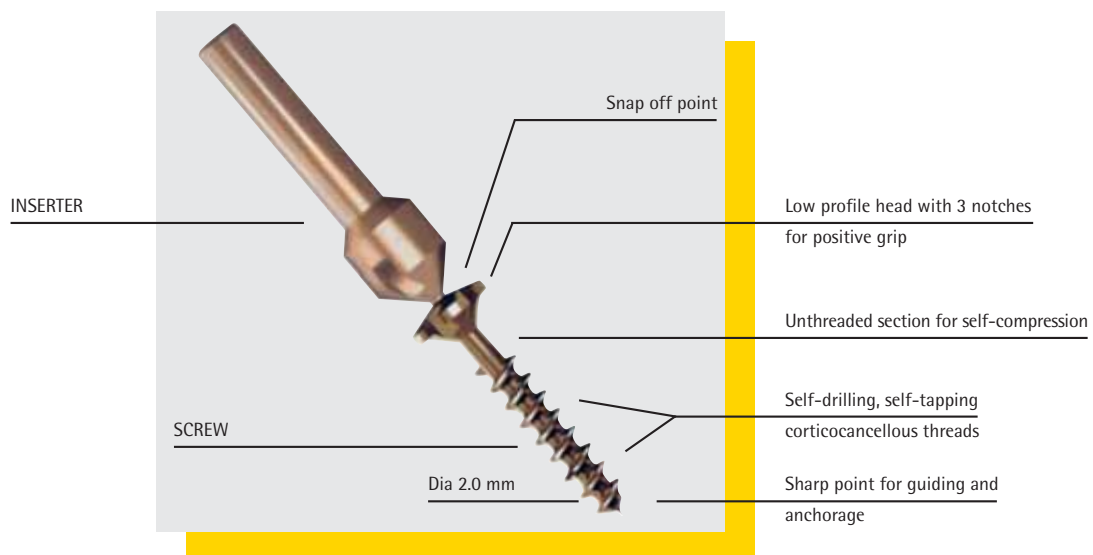
The Snap off Screw provides superior fixation: it saves time (no need for a pilot drill hole), and it is easy to use, safe (clean break), accurate (guide point), and efficient (self-compression).

The Snap off Screw consists of two parts: implantable screw which provides firm anchorage inserter which allows powered insertion.

INDICATIONS

- Weil osteotomy
- Unicortical internal fixation

4-760 Snap off Screw Ø 2 mm Length 11 mm
4-762 Snap off Screw Ø 2 mm Length 12 mm
4-764 Snap off Screw Ø 2 mm Length 13 mm
4-766 Snap off Screw Ø 2 mm Length 14 mm



SURGICAL TECHNIQUE (WEIL OSTEOTOMY)

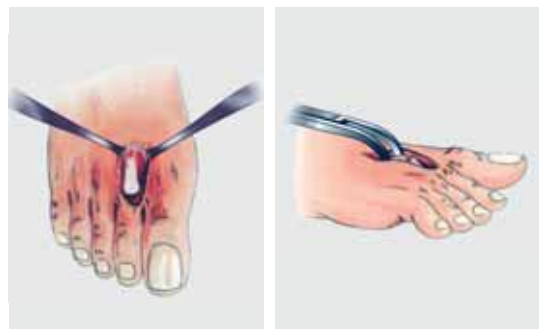
EXPOSURE

The procedure is performed using a dorsal intermetatarsal and/or transverse approach.

After the two extensor muscles have been separated:

- Hohmann retractors are placed on both metatarsal sides.
- The metatarsophalangeal joint is dislocated between the extensor digitorum longus and the extensor digitorum brevis.
- A Hinge spreader is inserted to protect the extensor muscles and afford good exposure for the osteotomy.

1





TREU = INSTRUMENTE

OSTEOTOMY

Osteotomy is performed using an oscillating saw:

- Make a 3 cm (approximately) horizontal cut parallel to the sole, to increase the interfragmental contact area and thus enhance healing.
- Osteotomy results in spontaneous recession of the metatarsal head, which relieves tension on soft tissue.

2



TRANSLATION

- Grasp the metatarsal head with Kocher forceps
- Use the „Index Plus Minus“ formula and the Lelièvre Curve to determine the amount of recession of the metatarsal head.
- The metatarsal head must be held in the correct position for subsequent screw fixation.

3



INSERTION OF THE SNAP OFF SCREW

- Connect the screw inserter to the power drill, and drive the screw into the metatarsal.
- The inserter snaps off as soon as the screw head makes contact with the dorsal cortex.
- If necessary, insertion of the screw can be completed with the special screwdriver (with 3 notches).

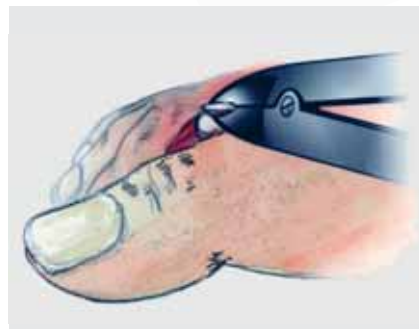
4



RESECTION OF THE BONE PEAK

- Bone peak is resected using Liston pliers. This allows deep flexion of the metatarsophalangeal joint.
- It may be necessary to perform a Z-shaped release (Green technique) of the extensor muscles.

5



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info@treu.com · www.treu.com



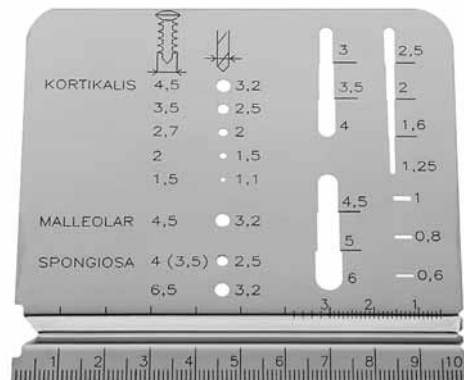
TREU - INSTRUMENTE



T 321 Alu Case (without racks)



- T 310** Rack for \varnothing 1.5 mm screws
- T 311** Rack for \varnothing 2.0 mm screws
- T 312** Rack for \varnothing 2.7 mm screws



3-530 Measuring Gauge for Screws



TREU = INSTRUMENTE

Container komplett: Boden silber - Deckel nach Farbskala
 Container complete: Bottom silvery - Lid acc. to color chart
 Contenedor completo: Fondo plateado - tapa según escala de colores
 Contaiier complet: fond argenté - Couvercle selon l'échelle de couleurs
 Contenitore completo: fondo argenteo - coperchio secondo scala cromatica

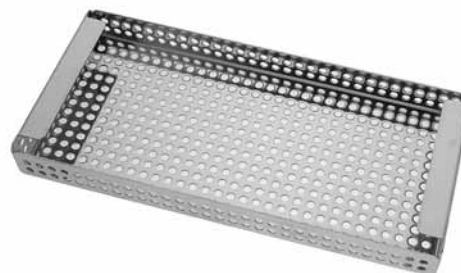


MINI-CONTAINER

| Deckel gelocht - Boden ungelocht · Lid perforated - Bottom non-perforated · Tapa perforada - Fondo no perforado Couvercle perforé - Fond non - perforé · Coperchio forato - Fondo non forato | | | | | | | |
|---|-----------|-----------|-----------|-----------|--------|--------|--------|
| Silber | Gold | Rot | Blau | Grün | | | |
| Silvery | Golden | Red | Blue | Green | | | |
| Plateado | Dorado | Rojo | Azul | Verde | | | |
| Argenté | Doré | Rouge | Bleu | Vert | | | |
| Argenteo | Dorato | Rosso | Azzurro | Verde | | | |
| Cat. No.: | Cat. No.: | Cat. No.: | Cat. No.: | Cat. No.: | L (mm) | B (mm) | H (mm) |
| 15-2000 | 15-2010 | 15-2014 | 15-2018 | 15-2022 | 300 | 140 | 40 |
| 15-2002 | 15-2012 | 15-2016 | 15-2020 | 15-2024 | 300 | 140 | 70 |
| 15-2026 | 15-2028 | 15-2030 | 15-2032 | 15-2034 | 300 | 140 | 100 |

| Deckel gelocht - Boden gelocht · Lid perforated - Bottom perforated · Tapa perforada - Fondo perforado Couvercle perforé - Fond perforé · Coperchio forato - Fondo forato | | | | | | | |
|--|-----------|-----------|-----------|-----------|--------|--------|--------|
| Silber | Gold | Rot | Blau | Grün | | | |
| Silvery | Golden | Red | Blue | Green | | | |
| Plateado | Dorado | Rojo | Azul | Verde | | | |
| Argenté | Doré | Rouge | Bleu | Vert | | | |
| Argenteo | Dorato | Rosso | Azzurro | Verde | | | |
| Cat. No.: | Cat. No.: | Cat. No.: | Cat. No.: | Cat. No.: | L (mm) | B (mm) | H (mm) |
| 15-2100 | 15-2110 | 15-2120 | 15-2130 | 15-2140 | 300 | 140 | 40 |
| 15-2102 | 15-2112 | 15-2122 | 15-2132 | 15-2142 | 300 | 140 | 70 |
| 15-2144 | 15-2146 | 15-2148 | 15-2152 | 15-2154 | 300 | 140 | 100 |

Aus perforiertem Blech
 From Perforated Sheet Metal
 En tôle perforée
 De chapa de acero perforada
 In acciaio perforato



15-2150
 275 x 115 x 30 mm



TREU = INSTRUMENTE

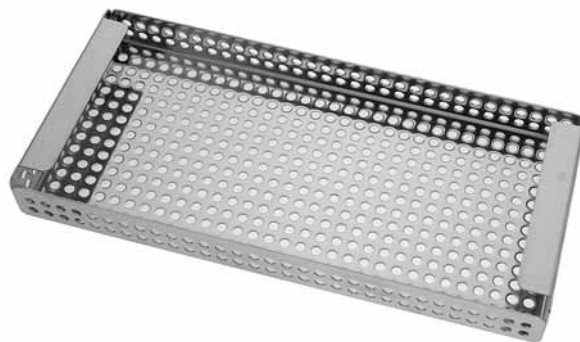
Container komplett: Boden silber - Deckel nach Farbskala
 Container complete: Bottom silvery - Lid acc. to color chart
 Contenedor completo: Fondo plateado - tapa según escala de colores
 Contaiier complet: fond argenté - Couvercle selon l'échelle de couleurs
 Contenitore completo: fondo argenteo - coperchio secondo scala cromatica



Deckel gelocht - Boden gelocht · Lid perforated - Bottom perforated · Tapa perforada - Fondo perforado
 Couvercle perforé - Fond perforé · Coperchio forato - Fondo forato

| Silber | Gold | Rot | Blau | Grün | | | | |
|-----------|-----------|-----------|-----------|-----------|--|--------|--------|--------|
| Silvery | Golden | Red | Blue | Green | | L (mm) | B (mm) | H (mm) |
| Plateado | Dorado | Rojo | Azul | Verde | | 310 | 190 | 40 |
| Argenté | Doré | Rouge | Bleu | Vert | | 310 | 190 | 65 |
| Argenteo | Dorado | Rosso | Azzurro | Verde | | 310 | 190 | 130 |
| Cat. No.: | Cat. No.: | Cat. No.: | Cat. No.: | Cat. No.: | | | | |

Aus perforiertem Blech
 From Perforated Sheet Metal
 En tôle perforée
 De chapa de acero perforada
 In acciaio perforato



15-2200
 275 x 170 x 30 mm



TREU = INSTRUMENTE

Kennzeichnungsschilder, ohne Gravur
 Identification labels, without engraving
 Placas de identificación, sin grabación
 Etiquettes d'identification, sans gravure
 Etichette d'identificazione senza incisione

Kennzeichnungsschilder graviert nach Ihren Angaben, mit max. 16 Stellen
 Identification labels engraved to your specifications, up to 16 letters
 Placas de identificación grabadas según sus instrucciones, con una maxima de 16 letras
 Etiquettes d'identification gravées selon vos spécifications, jusqu'à 16 espaces
 Etichette d'identificazione incise secondo le Vostre indicazioni, con mass. 16 posizioni



| | |
|----------|---------------------------------|
| 15-32801 | Aluminium plates neutral blue |
| 15-32802 | Aluminium plates neutral red |
| 15-32803 | Aluminium plates neutral green |
| 15-32804 | Aluminium plates neutral silver |
| 15-32805 | Aluminium plates neutral gold |

| | |
|----------|----------------------------------|
| 15-32861 | Aluminium plates engraved blue |
| 15-32862 | Aluminium plates engraved red |
| 15-32863 | Aluminium plates engraved green |
| 15-32864 | Aluminium plates engraved silver |
| 15-32865 | Aluminium plates engraved gold |



15-3290
 Einweg-Papierplakette mit chemischem Indicator
 Disposable paper label with chemical indicator
 100 pcs. / Package
Single
For Full and Half Size Containers

15-3291
 100 Pcs / Package
 Paper label with indicator
 For small Size and Special Set Containers



15-3296
 Tuchhalteklammer
 Cloth fixing clamp
 Clip de fijación
 Pince à champs
 Moletta di fissaggio



15-3298
 Tuchhalteklammer doppelt
 Twin socket cloth fixing clamp
 Clip de fijación doble
 Pince à champs double
 Moletta di fissaggio



15-3294
 Siegel
 Seal
 Precintos
 Plombs
 Sigilli
 1000 pcs. / Package



15-3300
 Tuchhalterahmen 600 x 300 mm
 Cloth fixing frame for module 600 x 300 mm
 Bastidor tensor para 600 x 300 mm
 Cadre tendeur pour 600 x 300 mm
 Telaio per tele di avvolgimento per 600 x 300 mm

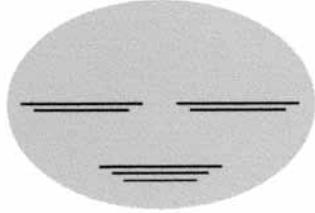


15-3302
 Tuchhalterahmen 300 x 300 mm
 Cloth fixing frame for module 300 x 300 mm
 Bastidor tensor para 300 x 300 mm
 Cadre tendeur pour 300 x 300 mm
 Telaio per tele di avvolgimento per 300 x 300 mm



TREU = INSTRUMENTE

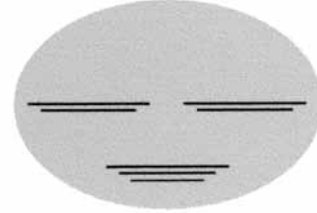
Textile Filters



Langzeit-Textilfilter, Lieferung einzeln
 Long-term textile filters, delivered individually
 Filtros de tejido de larga duración, suministro suelto
 Filtres textiles longue durée, livraison à l'unité
 Filtri tessili a lunga durata, fornitura singola

| | |
|-----------|------------------------------|
| Cat. No.: | |
| 15-3310 | for 1/1, 3/4, 1/2 Containers |

Disposable Paper Filters



Einmal-Papierfilter, Packung 1000 Stück
 Disposable paper filters, package of 1000 pieces
 Filtros de papel de un solo uso, paquete a 1000 piezas
 Filtres papiers à usage unique, par paquet de 1000 pièces
 Filtri di carta per un solo uso, confezione da 1000 pezzi

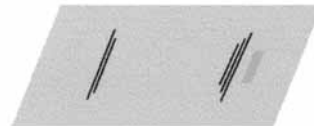
| | |
|-----------|------------------------------|
| Cat. No.: | |
| 15-3320 | for 1/1, 3/4, 1/2 Containers |

Single For Small Size Container



15-3314

100 Pcs / Package For Small Size Container



15-3324

Single For Special Set Container



15-3328

100 Pcs / Package For Special Set Container



15-3330



Wrapping drape cotton green

| | |
|-----------|------------|
| Cat. No.: | |
| 15-3350 | 60 x 40 cm |
| 15-3352 | 65 x 65 cm |
| 15-3354 | 85 x 85 cm |



TREU = INSTRUMENTE



TREU - INSTRUMENTE

TREU LOCKING - PLATE SYSTEM TS 3.0

PRECISION



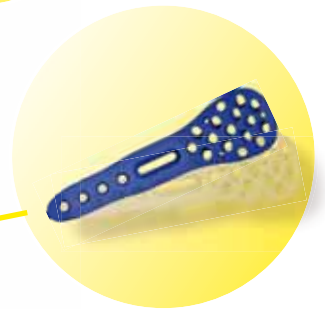
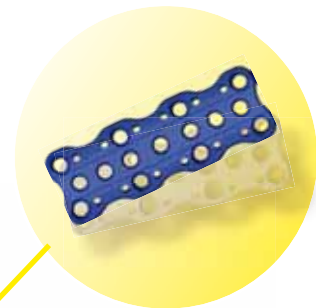
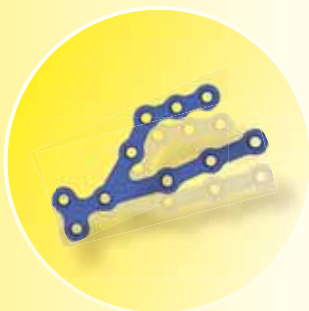
LOCKIT
quality made in Germany

WINKELSTABIL
ANGLE - STABLE



Drive

IN FIXATION



Rev: 190111



TREU = INSTRUMENTE

TS3.0 - Treu Locking Plate System

Symbolbeschreibung Symbol Description



Achtung: Platte als linke und rechte Version erhältlich
Attention: Left and right version of the item available



Achtung: Unterschiedliche Instrumente
Attention: Different instruments



Achtung: Für weitere Informationen siehe entsprechende Gebrauchsanweisung
Attention: For further information refer to the respective manual



Achtung: Weitere Informationen sind in „Tips & Tricks“ zu finden
Attention: Further Information can be found in „Tips & Tricks“



Achtung: Operationsanleitung beachten
Attention: Please consider the manual of the surgical technique





TREU = INSTRUMENTE

TS3.0 Kortikalisschrauben winkelstabil / selbstschneidend TS3.0 Cortical Screws angle-stable / self tapping



Drive



Schraubendurchmesser · Screw Diameter 3.0 mm
Kerndurchmesser · Core diameter 2.1 mm
Kopfdurchmesser · Head diameter 4.0 mm
Bohrer f. Gewindeloch · Drill bit for threaded hole 2.5 mm
Kompatibel zu T-Drive 8 · Compatible to T-Drive 8

| Titan · Titanium | ø | Länge · Length | VPE · PU |
|------------------|--------|----------------|----------|
| 4-9002 | 3.0 mm | 12 mm | 1 |
| 4-9003 | 3.0 mm | 14 mm | 1 |
| 4-9004 | 3.0 mm | 16 mm | 1 |
| 4-9005 | 3.0 mm | 18 mm | 1 |
| 4-9006 | 3.0 mm | 20 mm | 1 |
| 4-9007 | 3.0 mm | 22 mm | 1 |
| 4-9008 | 3.0 mm | 24 mm | 1 |
| 4-9009 | 3.0 mm | 26 mm | 1 |
| 4-9010 | 3.0 mm | 28 mm | 1 |
| 4-9011 | 3.0 mm | 30 mm | 1 |
| 4-9012 | 3.0 mm | 32 mm | 1 |
| 4-9013 | 3.0 mm | 34 mm | 1 |
| 4-9014 | 3.0 mm | 36 mm | 1 |
| 4-9015 | 3.0 mm | 38 mm | 1 |
| 4-9016 | 3.0 mm | 40 mm | 1 |
| 4-9017 | 3.0 mm | 42 mm | 1 |
| 4-9018 | 3.0 mm | 44 mm | 1 |
| 4-9019 | 3.0 mm | 46 mm | 1 |
| 4-9020 | 3.0 mm | 48 mm | 1 |
| 4-9021 | 3.0 mm | 50 mm | 1 |
| 4-9022 | 3.0 mm | 52 mm | 1 |
| 4-9023 | 3.0 mm | 54 mm | 1 |
| 4-9024 | 3.0 mm | 56 mm | 1 |
| 4-9025 | 3.0 mm | 58 mm | 1 |
| 4-9026 | 3.0 mm | 60 mm | 1 |

TS3.0 Spongiaschrauben winkelstabil / selbstschneidend TS3.0 Cancellous Screws angle-stable / self tapping



Drive



Schraubendurchmesser · Screw Diameter 3.0 mm
Kerndurchmesser · Core diameter 1.6 mm
Kopfdurchmesser · Head diameter 4.0 mm
Bohrer f. Gewindeloch · Drill bit for threaded hole 2.0 mm
Kompatibel zu T-Drive 8 · Compatible to T-Drive 8

| Titan · Titanium | ø | Länge · Length | VPE · PU |
|------------------|--------|----------------|----------|
| 4-9030 | 3.0 mm | 12 mm | 1 |
| 4-9031 | 3.0 mm | 14 mm | 1 |
| 4-9032 | 3.0 mm | 16 mm | 1 |
| 4-9033 | 3.0 mm | 18 mm | 1 |
| 4-9034 | 3.0 mm | 20 mm | 1 |
| 4-9035 | 3.0 mm | 22 mm | 1 |
| 4-9036 | 3.0 mm | 24 mm | 1 |
| 4-9037 | 3.0 mm | 26 mm | 1 |
| 4-9038 | 3.0 mm | 28 mm | 1 |
| 4-9039 | 3.0 mm | 30 mm | 1 |
| 4-9040 | 3.0 mm | 32 mm | 1 |
| 4-9041 | 3.0 mm | 34 mm | 1 |
| 4-9042 | 3.0 mm | 36 mm | 1 |
| 4-9043 | 3.0 mm | 38 mm | 1 |
| 4-9044 | 3.0 mm | 40 mm | 1 |
| 4-9045 | 3.0 mm | 42 mm | 1 |
| 4-9046 | 3.0 mm | 44 mm | 1 |
| 4-9047 | 3.0 mm | 46 mm | 1 |
| 4-9048 | 3.0 mm | 48 mm | 1 |
| 4-9049 | 3.0 mm | 50 mm | 1 |
| 4-9050 | 3.0 mm | 52 mm | 1 |
| 4-9051 | 3.0 mm | 54 mm | 1 |
| 4-9052 | 3.0 mm | 56 mm | 1 |
| 4-9053 | 3.0 mm | 58 mm | 1 |
| 4-9054 | 3.0 mm | 60 mm | 1 |



TREU = INSTRUMENTE

TS3.0 Kortikalisschrauben selbstschneidend TS3.0 Cortical Screws self tapping



Schraubendurchmesser · Screw Diameter 3.0 mm
 Kerndurchmesser · Core diameter 2.1 mm
 Kopfdurchmesser · Head diameter 4.0 mm
 Bohrer f. Gewindeloch · Drill bit for threaded hole 2.5 mm
 Kompatibel zu T-Drive 8 · Compatible to T-Drive 8

| Titan · Titanium | ø | Länge · Length | VPE · PU |
|------------------|--------|----------------|----------|
| 4-9060 | 3.0 mm | 12 mm | 1 |
| 4-9061 | 3.0 mm | 14 mm | 1 |
| 4-9062 | 3.0 mm | 16 mm | 1 |
| 4-9063 | 3.0 mm | 18 mm | 1 |
| 4-9064 | 3.0 mm | 20 mm | 1 |
| 4-9065 | 3.0 mm | 22 mm | 1 |
| 4-9066 | 3.0 mm | 24 mm | 1 |
| 4-9067 | 3.0 mm | 26 mm | 1 |
| 4-9068 | 3.0 mm | 28 mm | 1 |
| 4-9069 | 3.0 mm | 30 mm | 1 |
| 4-9070 | 3.0 mm | 32 mm | 1 |
| 4-9071 | 3.0 mm | 34 mm | 1 |
| 4-9072 | 3.0 mm | 36 mm | 1 |
| 4-9073 | 3.0 mm | 38 mm | 1 |
| 4-9074 | 3.0 mm | 40 mm | 1 |
| 4-9075 | 3.0 mm | 42 mm | 1 |
| 4-9076 | 3.0 mm | 44 mm | 1 |
| 4-9077 | 3.0 mm | 46 mm | 1 |
| 4-9078 | 3.0 mm | 48 mm | 1 |
| 4-9079 | 3.0 mm | 50 mm | 1 |
| 4-9080 | 3.0 mm | 52 mm | 1 |
| 4-9081 | 3.0 mm | 54 mm | 1 |
| 4-9082 | 3.0 mm | 56 mm | 1 |
| 4-9083 | 3.0 mm | 58 mm | 1 |
| 4-9084 | 3.0 mm | 60 mm | 1 |

TS3.0 Spongiosaschrauben selbstschneidend TS3.0 Cancellous Screws self tapping



Schraubendurchmesser · Screw Diameter 3.0 mm
 Kerndurchmesser · Core diameter 1.6 mm
 Kopfdurchmesser · Head diameter 4.0 mm
 Bohrer f. Gewindeloch · Drill bit for threaded hole 2.0 mm
 Kompatibel zu T-Drive 8 · Compatible to T-Drive 8

| Titan · Titanium | ø | Länge · Length | VPE · PU |
|------------------|--------|----------------|----------|
| 4-9090 | 3.0 mm | 12 mm | 1 |
| 4-9091 | 3.0 mm | 14 mm | 1 |
| 4-9092 | 3.0 mm | 16 mm | 1 |
| 4-9093 | 3.0 mm | 18 mm | 1 |
| 4-9094 | 3.0 mm | 20 mm | 1 |
| 4-9095 | 3.0 mm | 22 mm | 1 |
| 4-9096 | 3.0 mm | 24 mm | 1 |
| 4-9097 | 3.0 mm | 26 mm | 1 |
| 4-9098 | 3.0 mm | 28 mm | 1 |
| 4-9099 | 3.0 mm | 30 mm | 1 |
| 4-9100 | 3.0 mm | 32 mm | 1 |
| 4-9101 | 3.0 mm | 34 mm | 1 |
| 4-9102 | 3.0 mm | 36 mm | 1 |
| 4-9103 | 3.0 mm | 38 mm | 1 |
| 4-9104 | 3.0 mm | 40 mm | 1 |



TREU = INSTRUMENTE

TRS - Radiusplatte palmar standard winkelstabil **TRS - Radius Plate palmar standard angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9110 | 9 Head · 3 Shaft | links | 1 |
| 4-9112 | 9 Head · 5 Shaft | left | 1 |
| 4-9114 | 9 Head · 3 Shaft | rechts | 1 |
| 4-9116 | 9 Head · 5 Shaft | right | 1 |

Plattenstärke · Plate thickness 2.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TRSe - Radiusplatte palmar Extended standard winkelstabil **TRSe - Radius Plate palmar Extended standard angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9122 | 9 Head · 3 Shaft | links | 1 |
| 4-9124 | 9 Head · 5 Shaft | left | 1 |
| 4-9126 | 9 Head · 3 Shaft | rechts | 1 |
| 4-9128 | 9 Head · 5 Shaft | right | 1 |

Plattenstärke · Plate thickness 2.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws





TREU = INSTRUMENTE

TRSD - Radiusplatte dorsal standard winkelstabil **TRSD - Radius Plate dorsal standard angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9134 | 7 Head · 3 Shaft | links · left | 1 |
| 4-9136 | 7 Head · 3 Shaft | rechts · right | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TRSr - Radiusplatte palmar für Revisionseingriffe winkelstabil **TRSr - Radius Plate palmar for revision surgeries angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9142 | 9 Head · 8 Shaft | links · left | 1 |
| 4-9144 | 9 Head · 8 Shaft | rechts · right | 1 |

Plattenstärke · Plate thickness 2.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TS-RSL - Handgelenksfusionsplatte winkelstabil **TS-RSL - Wrist fusion Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|-------------------------------|----------|
| 4-9150 | 14 Head · 3 Shaft | links · right left · right | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws



TREU = INSTRUMENTE

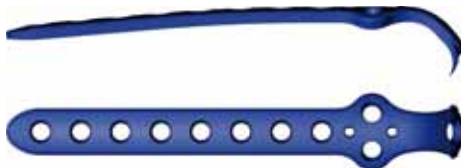
TRSad - Radiusplatte dorsal, für Handgelenksarthrodesen winkelstabil **TRSad - Radius Plate dorsal, for Wrist Arthrodesis angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|--------------------------------|----------|
| 4-9154 | 11 | links · rechts left · right | 1 |

Plattenstärke · Plate thickness 3.0 mm
 Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TOS - Olekranonplatte winkelstabil **TOS - Olecranon Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9156 | 6 | 89 mm | 1 |
| 4-9158 | 8 | 99 mm | 1 |
| 4-9160 | 10 | 115 mm | 1 |
| 4-9162 | 12 | 131 mm | 1 |

Plattenstärke · Plate thickness 2.5 mm
 Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TS GP - Gerade Platte winkelstabil **TS GP - Straight Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9166 | 7/2 | 84 mm | 1 |
| 4-9168 | 7/4 | 101 mm | 1 |
| 4-9170 | 9/4 | 121 mm | 1 |
| 4-9172 | 11/4 | 141 mm | 1 |

Plattenstärke · Plate thickness 2.5 mm
 Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws



TREU = INSTRUMENTE

TDRS - Drittelrohrplatten winkelstabil **TDRS - 1 / 3 Tubular Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9176 | 4 | 34 mm | 1 |
| 4-9178 | 5 | 42 mm | 1 |
| 4-9180 | 6 | 50 mm | 1 |
| 4-9182 | 7 | 58 mm | 1 |
| 4-9184 | 8 | 66 mm | 1 |
| 4-9186 | 10 | 82 mm | 1 |
| 4-9188 | 12 | 98 mm | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

THS PHP - Humerusplatte proximal Standard winkelstabil **THS PHP - Humerus Plate proximal Standard angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9192 | 14 Head · 3 Shaft | 84 mm | 1 |
| 4-9194 | 14 Head · 4 Shaft | 92 mm | 1 |
| 4-9196 | 14 Head · 5 Shaft | 100 mm | 1 |
| 4-9198 | 14 Head · 6 Shaft | 108 mm | 1 |
| 4-9200 | 14 Head · 8 Shaft | 124 mm | 1 |
| 4-9202 | 14 Head · 10 Shaft | 140 mm | 1 |

Plattenstärke · Plate thickness 3.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

THSdu - Humerusplatte distal ulnarer Pfeiler winkelstabil **THSdu - Humerus Plate distal ulna column angle-stable**



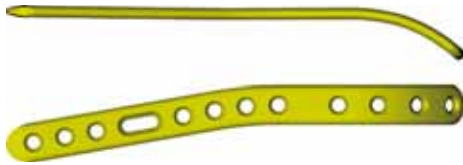
| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|--------------------------------|----------|
| 4-9206 | 10 | links · rechts left · right | 1 |

Plattenstärke · Plate thickness 2.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws



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THSdrd - Humerusplatte distal radialer Pfeiler dorsal winkelstabil **THSdrd - Humerus Plate distal radial column dorsal angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9210 | 11 | links · left | 1 |
| 4-9212 | 11 | rechts · right | 1 |

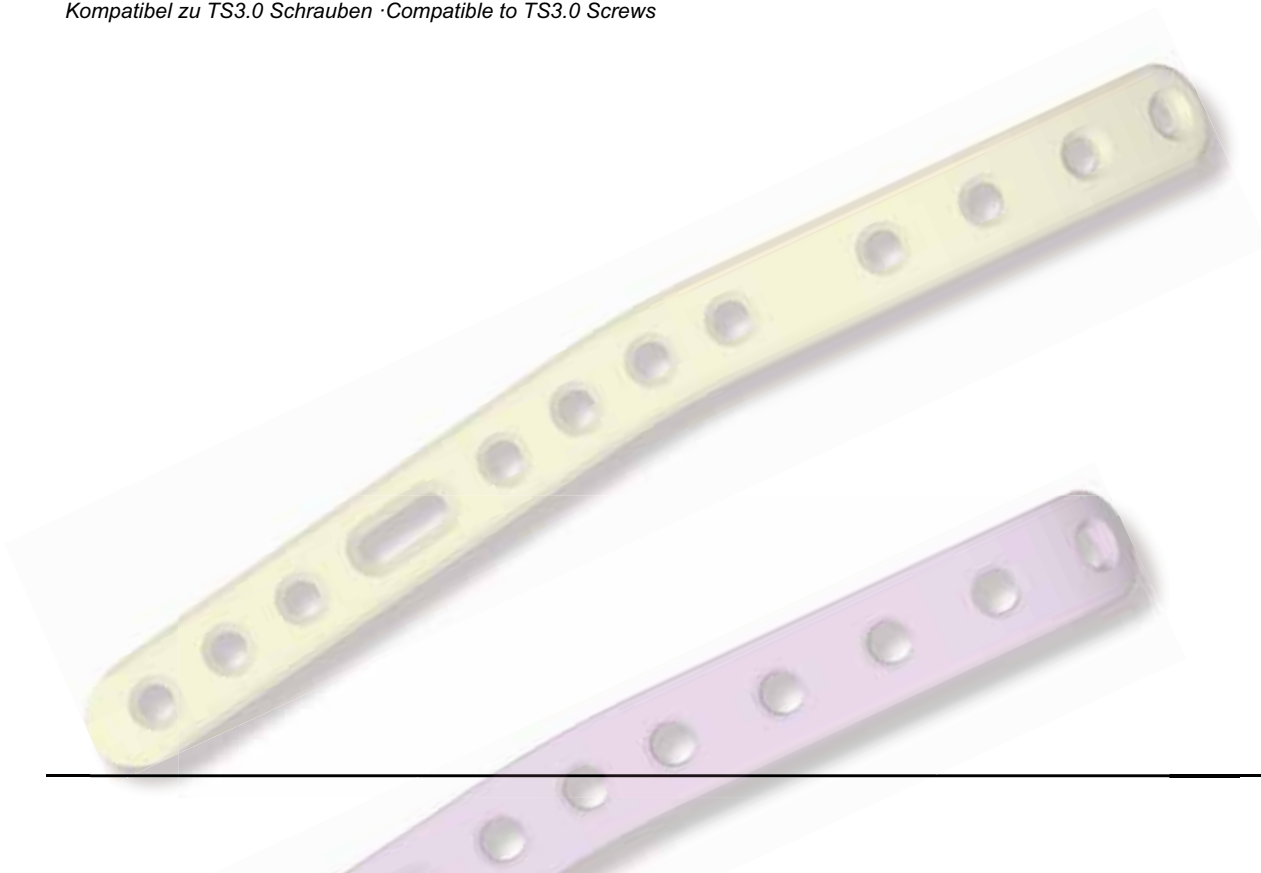
Plattenstärke · Plate thickness 3.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

THSdrl - Humerusplatte distal radialer Pfeiler lateral winkelstabil **THSdrl - Humerus Plate distal radial column lateral angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9216 | 11 | links · left | 1 |
| 4-9218 | 11 | rechts · right | 1 |

Plattenstärke · Plate thickness 2.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws





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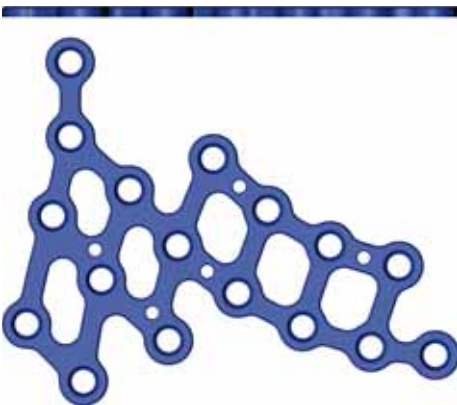
TCaS - Calcaneusplatte winkelstabil **TCaS - Calcaneus Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9222 | 10 | links / left | 1 |
| 4-9224 | 10 | rechts / right | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TCaSn - Calcaneusnetzplatte winkelstabil **TCaSn - Calcaneus Mesh Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9228 | 17 | links / left | 1 |
| 4-9230 | 17 | rechts / right | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TTSow - Tarsusplatte opening Wedge winkelstabil **TTSow - Tarsus Plate opening Wedge angle-stable**



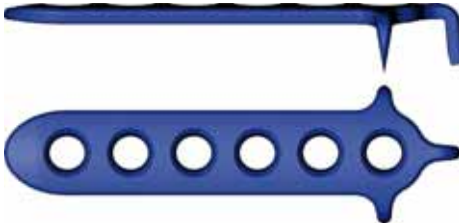
| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|--------------------------------|----------|
| 4-9234 | 3 | links · rechts left · right | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws



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TKS - Hallux Krallenplatte winkelstabil **TKS - Hallux Claw Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9238 | 6 | 38 mm | 1 |
| 4-9240 | 8 | 50 mm | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TKS - Krallenplatte winkelstabil **TKS - Claw Plate angle-stable**



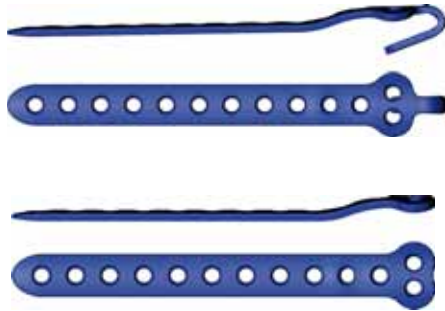
| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9242 | 4 | 45 mm | 1 |
| 4-9244 | 5 | 53 mm | 1 |
| 4-9246 | 6 | 61 mm | 1 |
| 4-9248 | 8 | 77 mm | 1 |
| 4-9250 | 10 | 93 mm | 1 |
| 4-9252 | 12 | 109 mm | 1 |

Plattenstärke · Plate thickness 1.5 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws



TREU = INSTRUMENTE

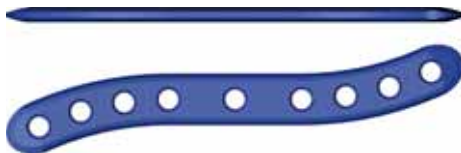
TFS - Fibulaplatte winkelstabil **TFS - Fibula Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9256 | 7 | mit Haken | 1 |
| 4-9258 | 9 | with hook | 1 |
| 4-9260 | 11 | mit Haken | 1 |
| 4-9262 | 13 | with hook | 1 |
| 4-9266 | 7 | ohne Haken | 1 |
| 4-9268 | 9 | without hook | 1 |
| 4-9270 | 11 | ohne Haken | 1 |
| 4-9272 | 13 | without hook | 1 |

Plattenstärke · Plate thickness 2.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TCS - Claviculaplatte winkelstabil **TCS - Clavicle Plate angle-stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9276 | 7 | links · rechts | 1 |
| 4-9278 | 9 | left · right | 1 |
| 4-9280 | 11 | links · rechts | 1 |

Plattenstärke · Plate thickness 3.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TCSe - Claviculaplatte Extended winkelstabil **TCSe - Clavicle Plate Extended angle-stable**



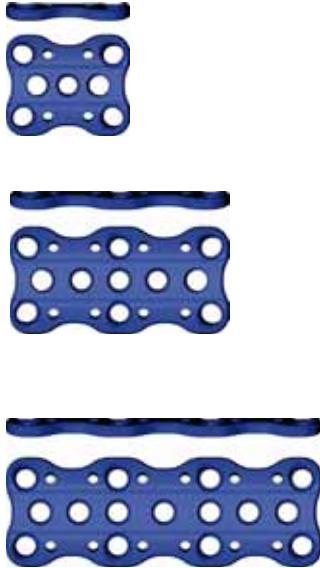
| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9284 | 7 | links · rechts | 1 |
| 4-9286 | 9 | left · right | 1 |
| 4-9288 | 11 | links · rechts | 1 |

Plattenstärke · Plate thickness 3.7 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws



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TWS - Halswirbelsäulenplatte winkelstabil **TWS - Cervical Spine Plate angle-stable**



| Titan · Titanium | Etagenhöhe Level Height | Etagen / Farbe Levels / Colour | VPE · PU |
|------------------|----------------------------|-----------------------------------|----------|
| 13-2170 | 16 | 1 · blau · blue | 1 |
| 13-2172 | 18 | 1 · grün · green | 1 |
| 13-2174 | 20 | 1 · gelb · yellow | 1 |
| 13-2176 | 22 | 1 · pink · pink | 1 |
| 13-2178 | 16 | 2 · blau · blue | 1 |
| 13-2180 | 18 | 2 · grün · green | 1 |
| 13-2182 | 20 | 2 · gelb · yellow | 1 |
| 13-2184 | 22 | 2 · pink · pink | 1 |
| 13-2186 | 16 | 3 · blau · blue | 1 |
| 13-2188 | 18 | 3 · grün · green | 1 |
| 13-2190 | 20 | 3 · gelb · yellow | 1 |
| 13-2192 | 22 | 3 · pink · pink | 1 |

Plattenstärke · Plate thickness 1.5 - 2.0 mm
Kompatibel zu TS3.0 Schrauben · Compatible to TS3.0 Screws

TS3.0 - Unterlegscheibe nicht winkelstabil **TS3.0 - washer not angle stable**



| Titan · Titanium | Lochanzahl · N° of Holes | Länge · Length | VPE · PU |
|------------------|--------------------------|----------------|----------|
| 4-9292 | 1 | 7 mm | 1 |



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Drill Bits

| ø mm | AO shaft | Length mm | round shaft | Length mm |
|------|--------------|-----------|--------------|-----------|
| 1.5 | 9-012 | 85 / 60 | 9-042 | 70 / 55 |
| 2.0 | 9-014 | 100 / 75 | 9-044 | 85 / 70 |
| 2.5 | 9-016 | 110 / 85 | 9-046 | 95 / 80 |



9-094
Tap Handle for AO shaft (Ferozell)



9-092
Tap Handle for AO shaft



9-083
Drill-Handle (9-0892) with Jacobs three-jaw Chuck (9-084) and Key (9-0840), complete (for round shaft)



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9-112
Depth Gauge for Small Screws



4-9400
Drill guide with inserts (complete)
2,0 mm and 2,5 mm
Bohrbüchsen mit Einsätzen
2,0 mm und 2,5 mm (komplett)



4-9402
Drill guide for inserts 2,0 mm and 2,5 mm
Bohrbüchsen Griff für Bohrbüchsen Einsätze
2,0 mm und 2,5 mm



4-9404
Inserts for drill guide
(4-9402) 2,0 mm, cancellous
Bohrbüchsen Einsatz
für Bohrbüchsen Griff
(4-9402) 2,0 mm, Spongiosa



4-9406
Inserts for drill guide
(4-9402) 2,5 mm, cortical
Bohrbüchsen Einsatz
für Bohrbüchsen Griff
(4-9402) 2,5 mm, Kortikalis



9-406
Bending Plier



06-586
Plattenfaßpinzette, 15,5 cm
Plate Holding Forceps, 15,5 cm



4-184
Screw Forceps



9-116
Sharp Hook
for checking alignment of fracture ends and
for removing in-grown tissue in screw heads



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„THORX“ Technology



4-9310
T-8 Drive



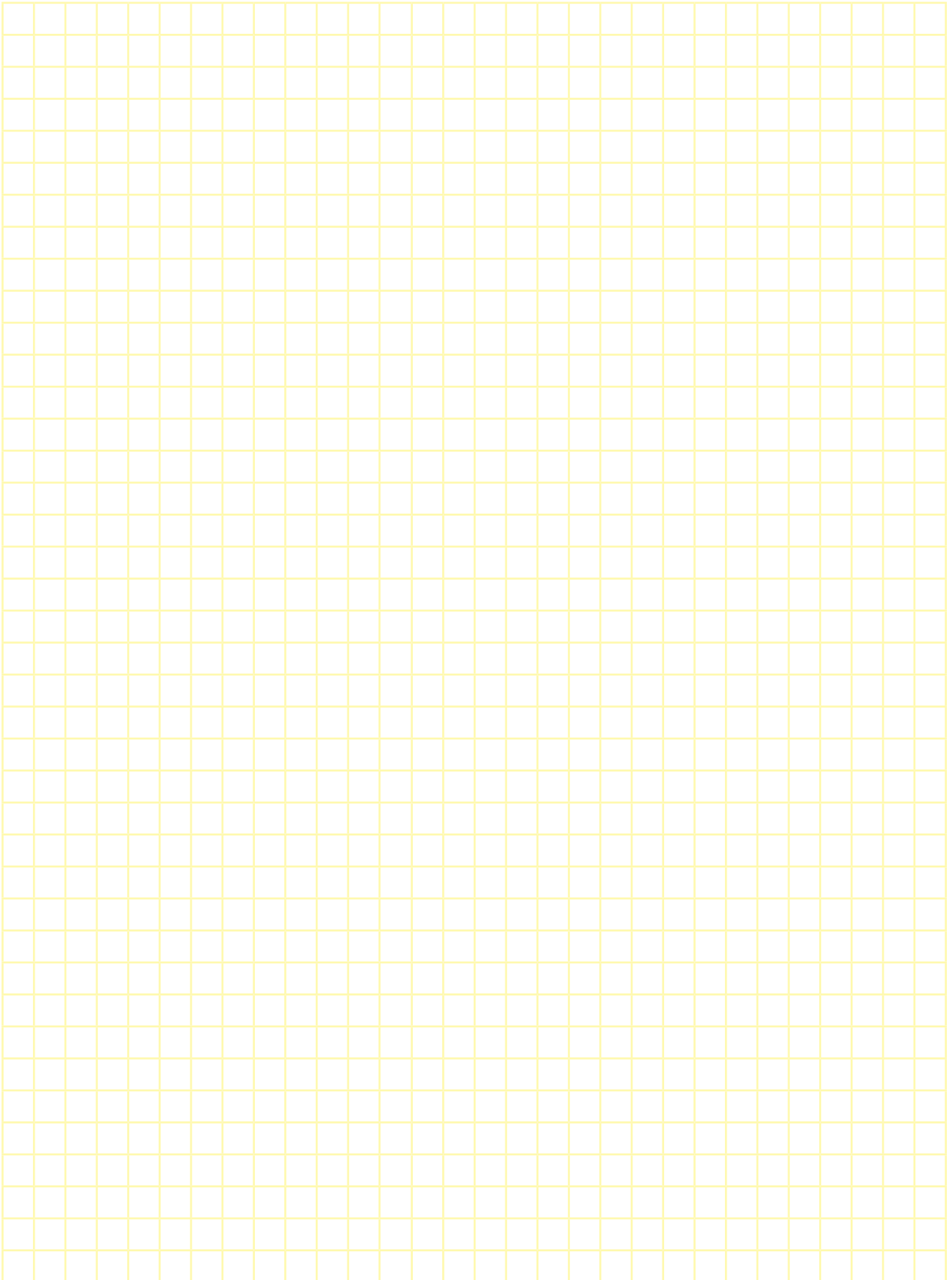
06-4020
Schraubendreher, T-8 Drive, fest 18,0 cm
selbsthaltend für Schrauben ø 3,0 mm
Screw-driver, T-8 Drive, firm 18,0 cm
selfretaining, for screws ø 3,0 mm



06-4040
Screw-driver blade
T-8 Drive
ø 3,0 mm

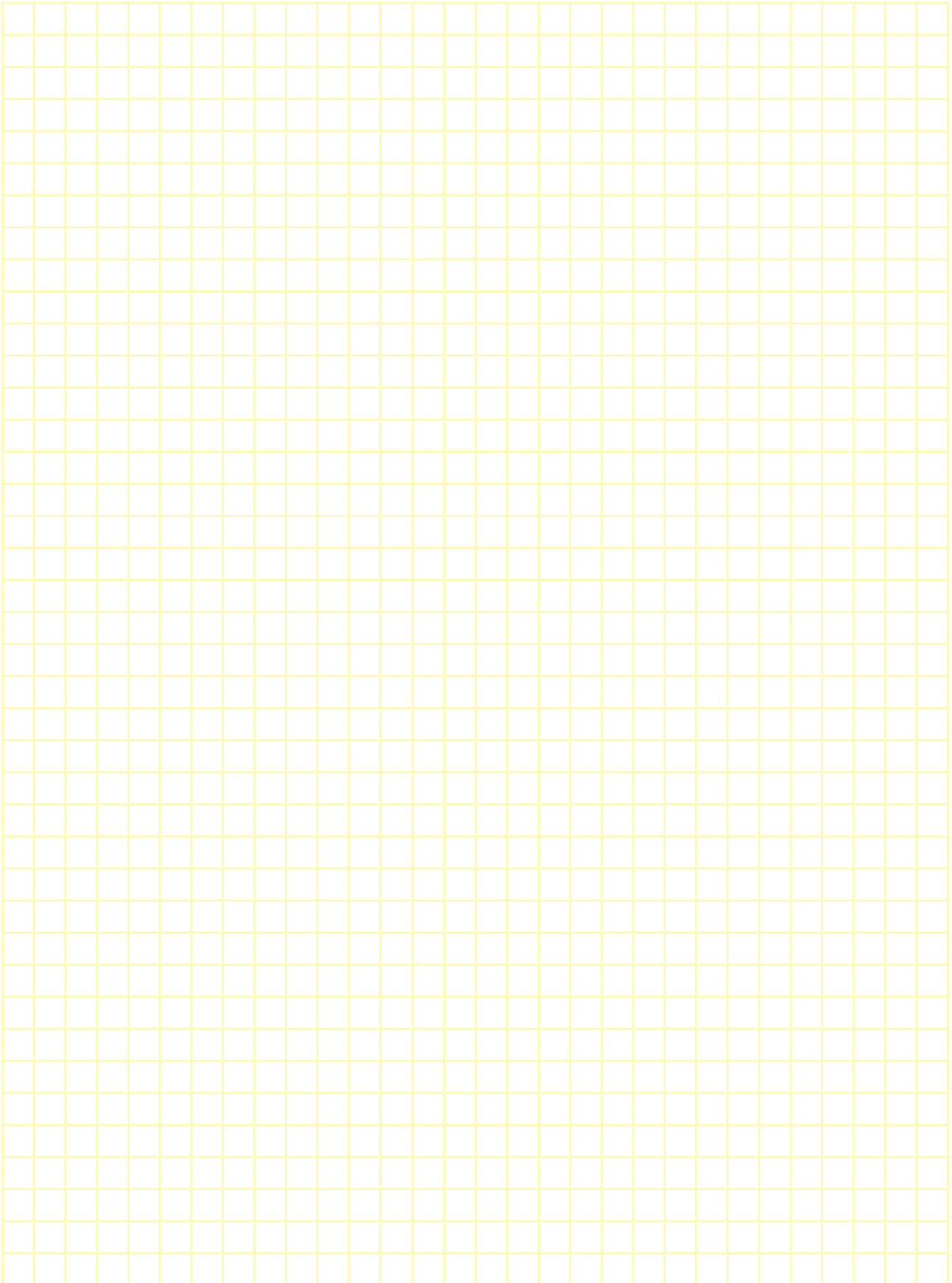


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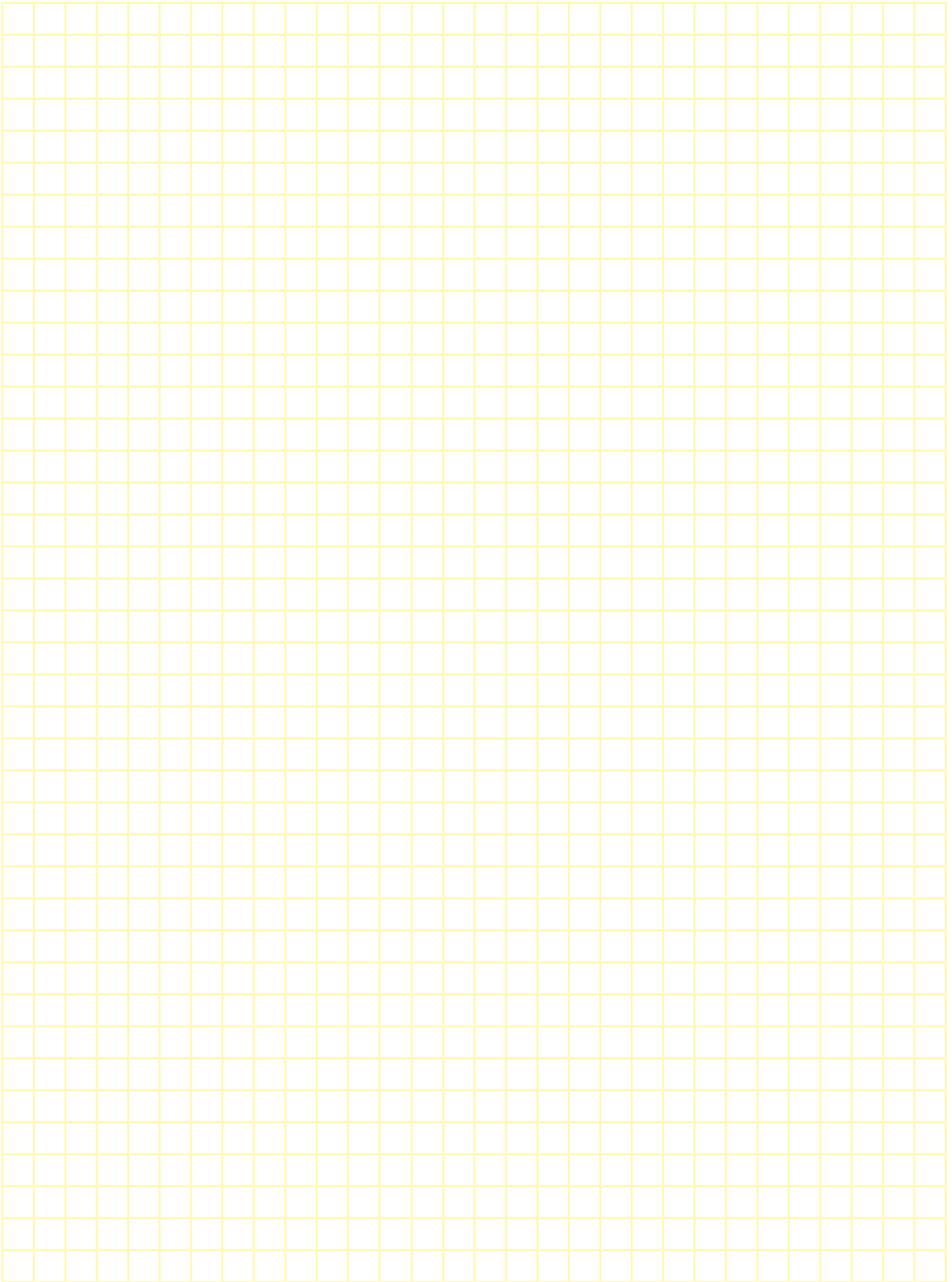


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